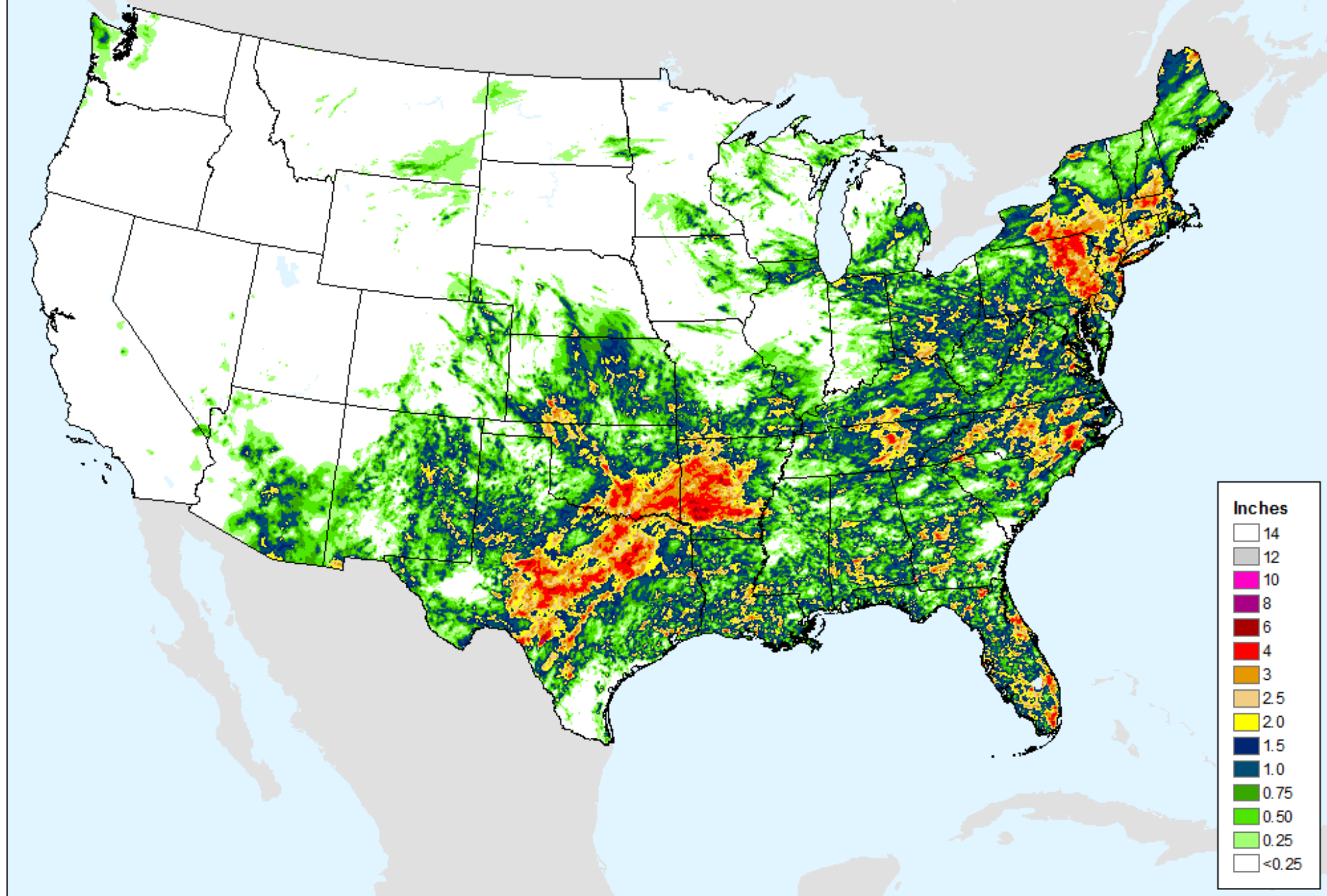


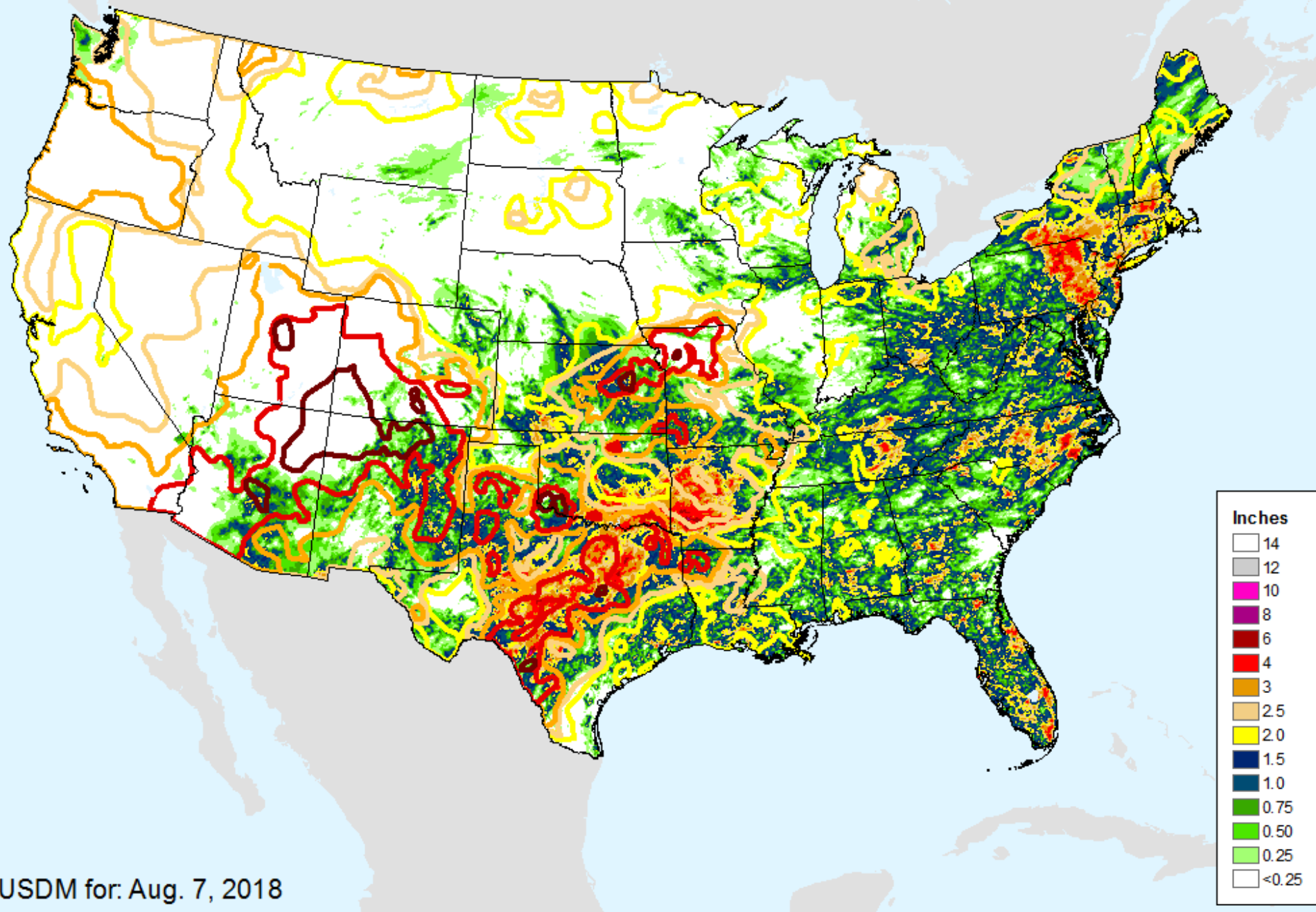
AHPS 7-Day Precipitation

As of: Tuesday, August 14, 2018



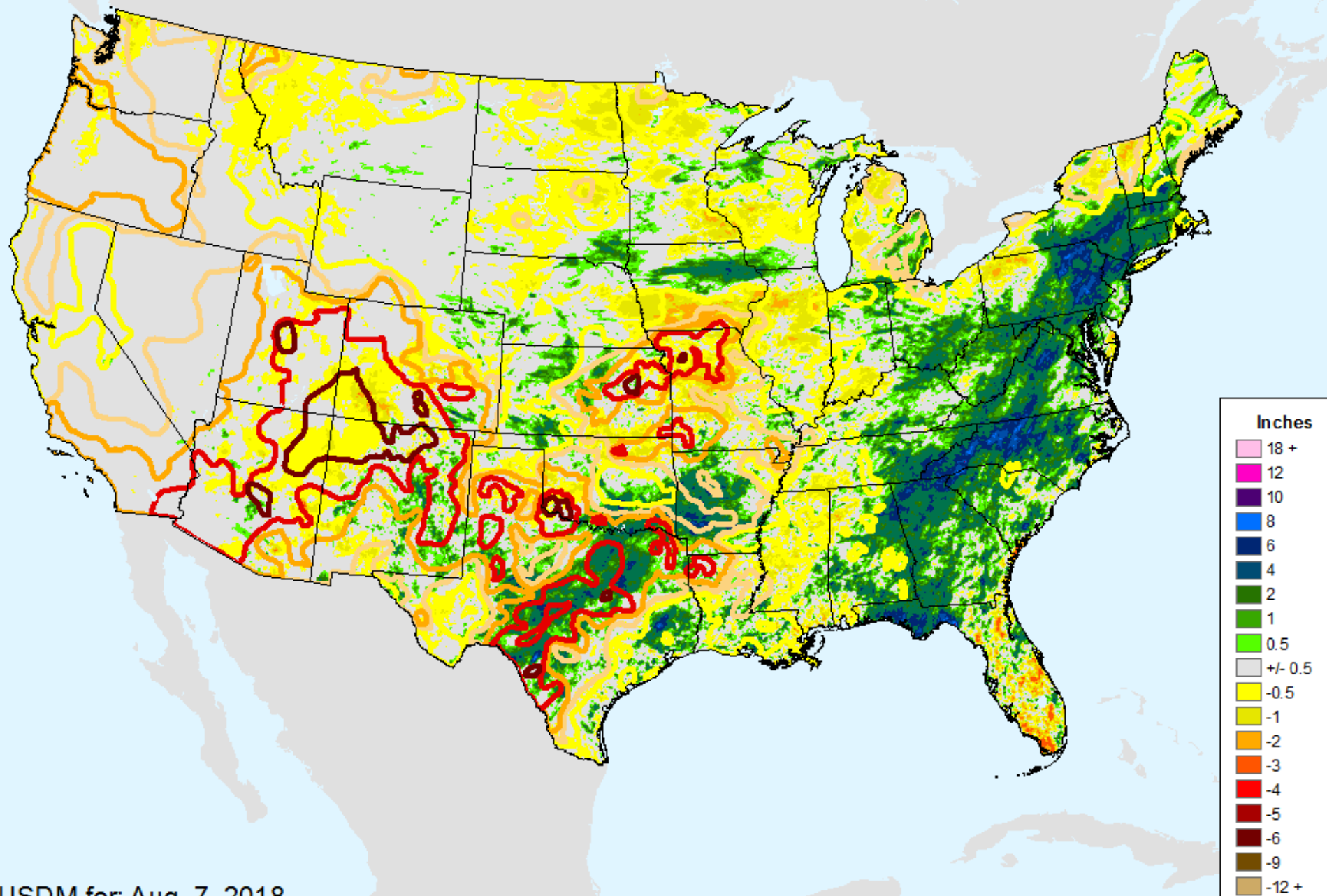
AHPS 7-Day Precipitation

As of: Tuesday, August 14, 2018



AHPS 14-Day Precip Departure

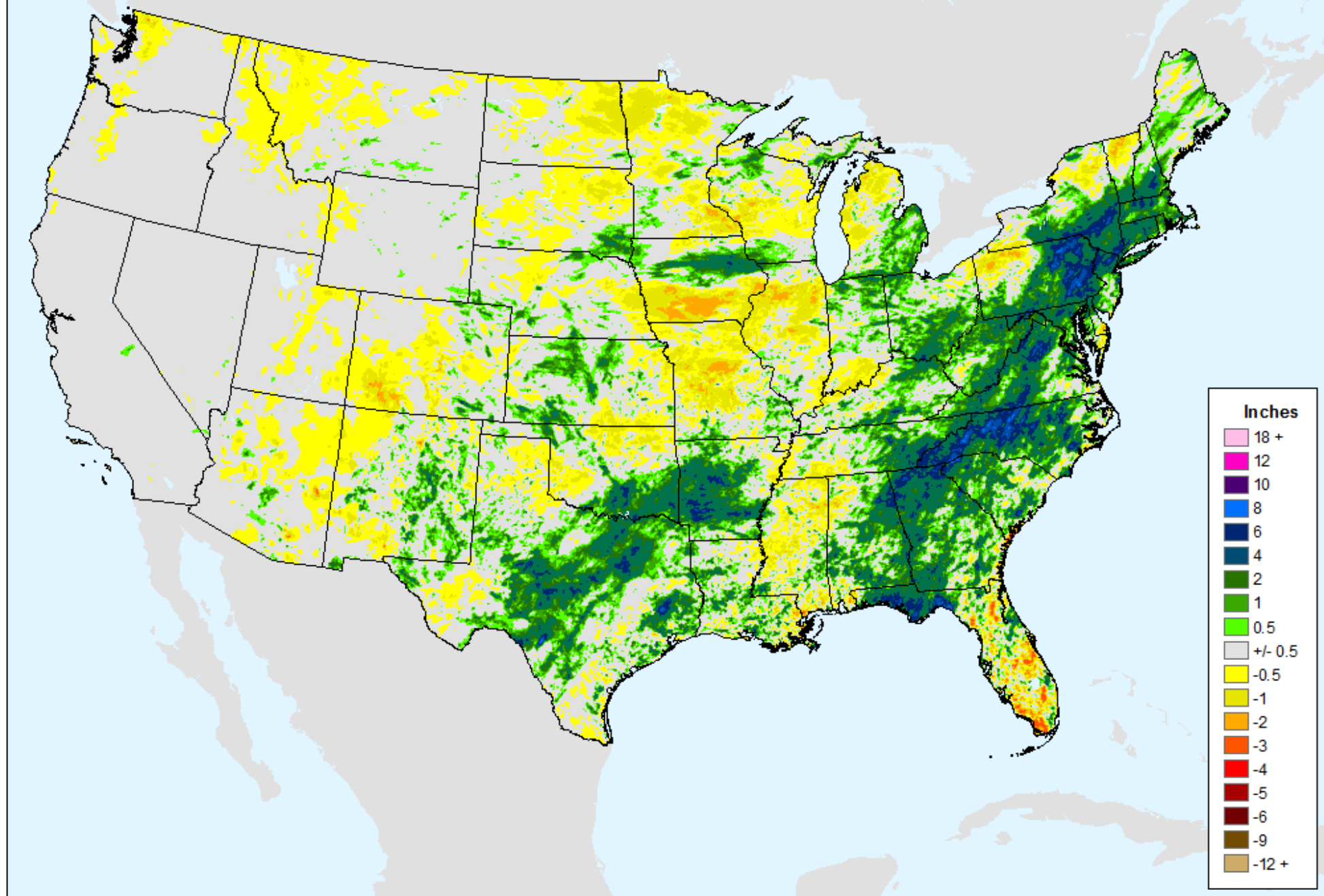
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

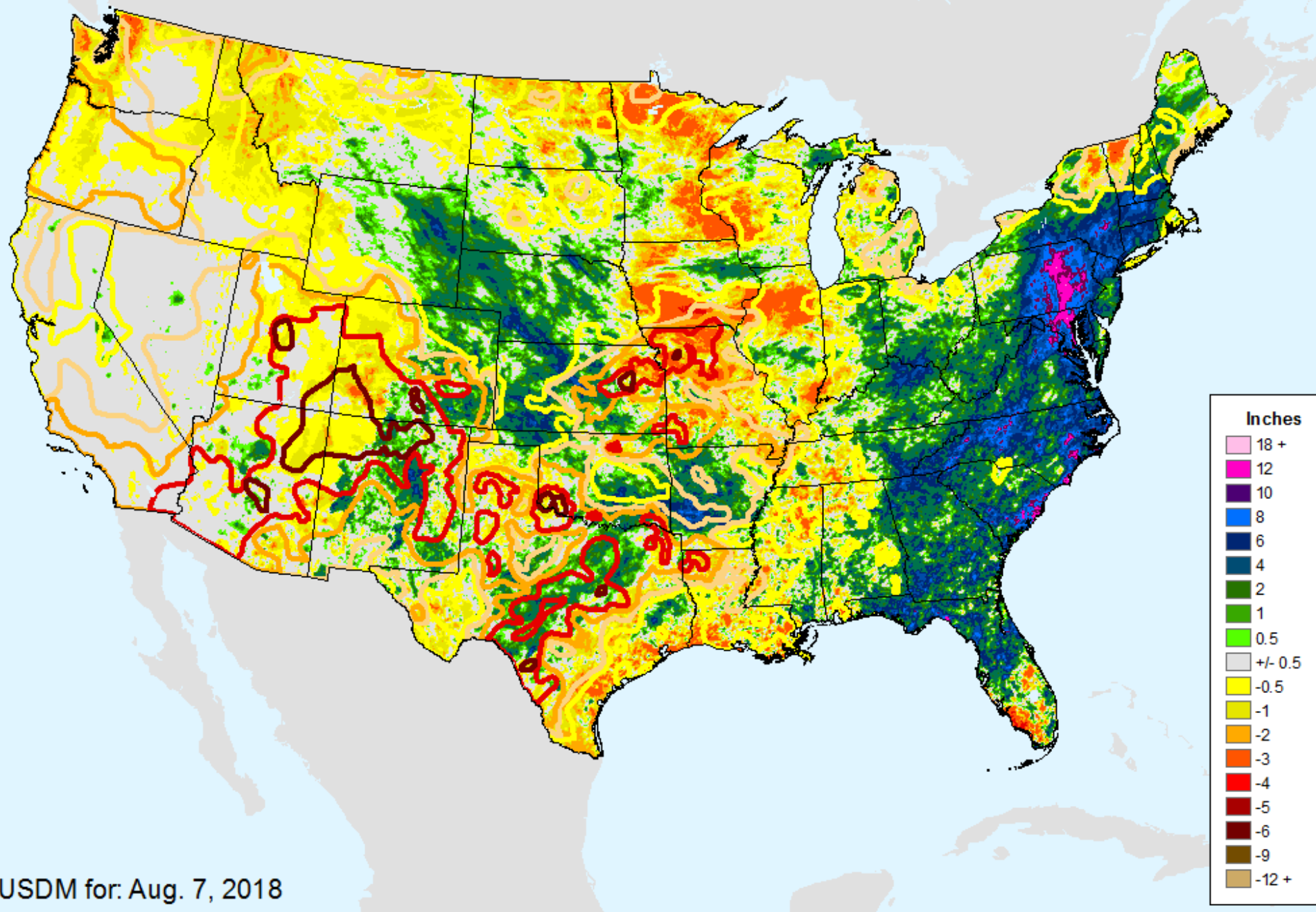
AHPS 14-Day Precip Departure

As of: Tuesday, August 14, 2018



AHPS 30-Day Precip Departure

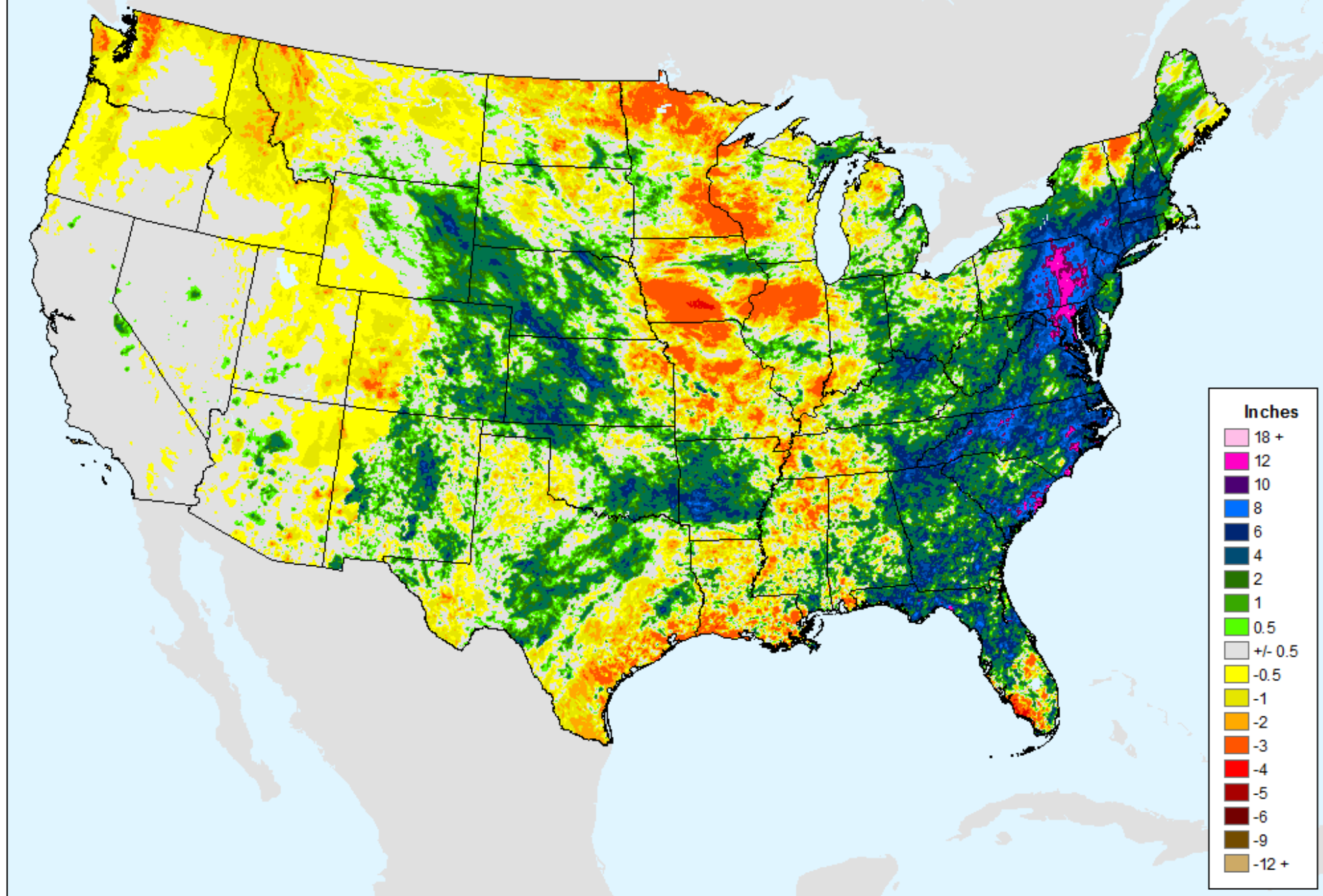
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

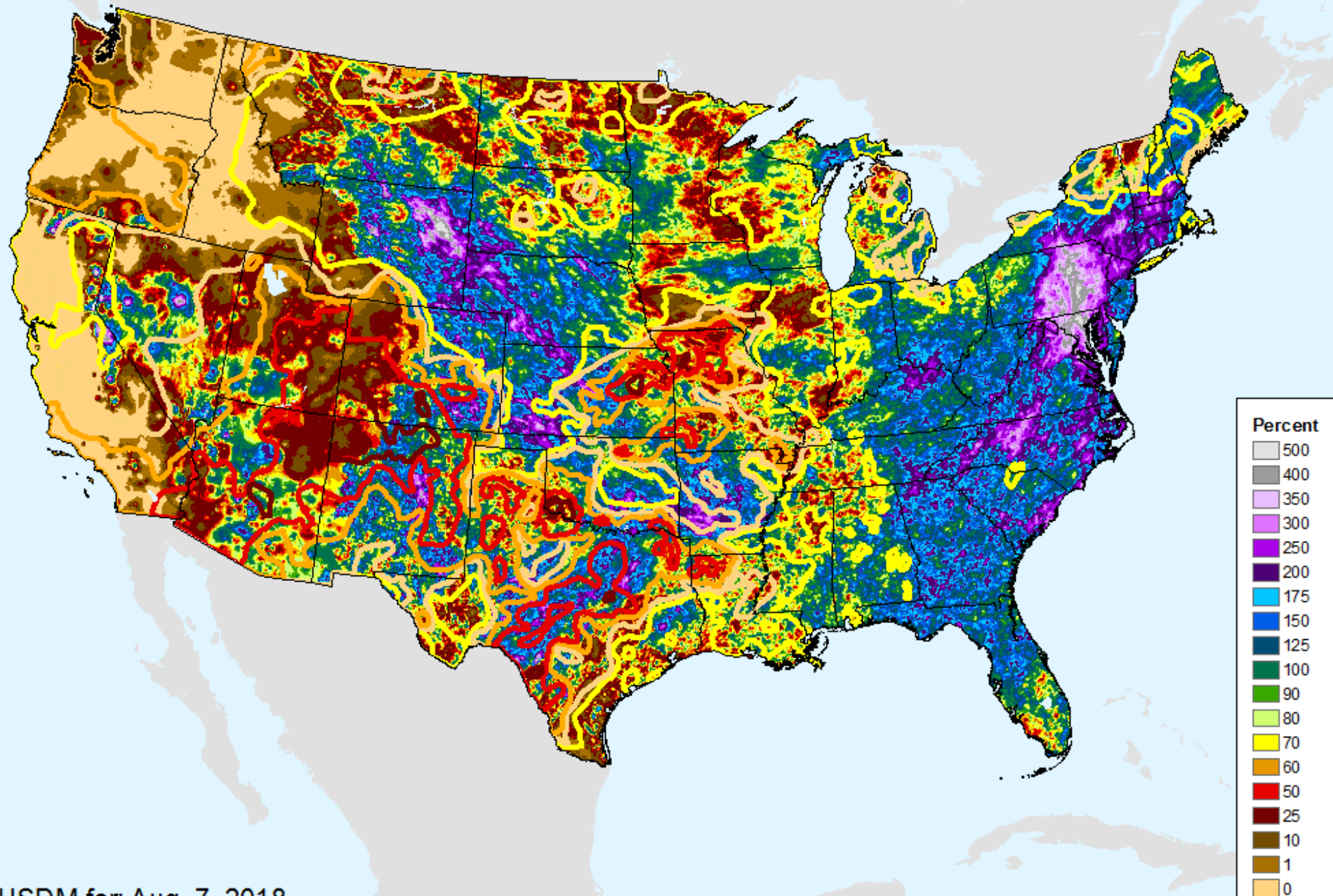
AHPS 30-Day Precip Departure

As of: Tuesday, August 14, 2018



AHPS 30-Day Pct of Normal Pcp

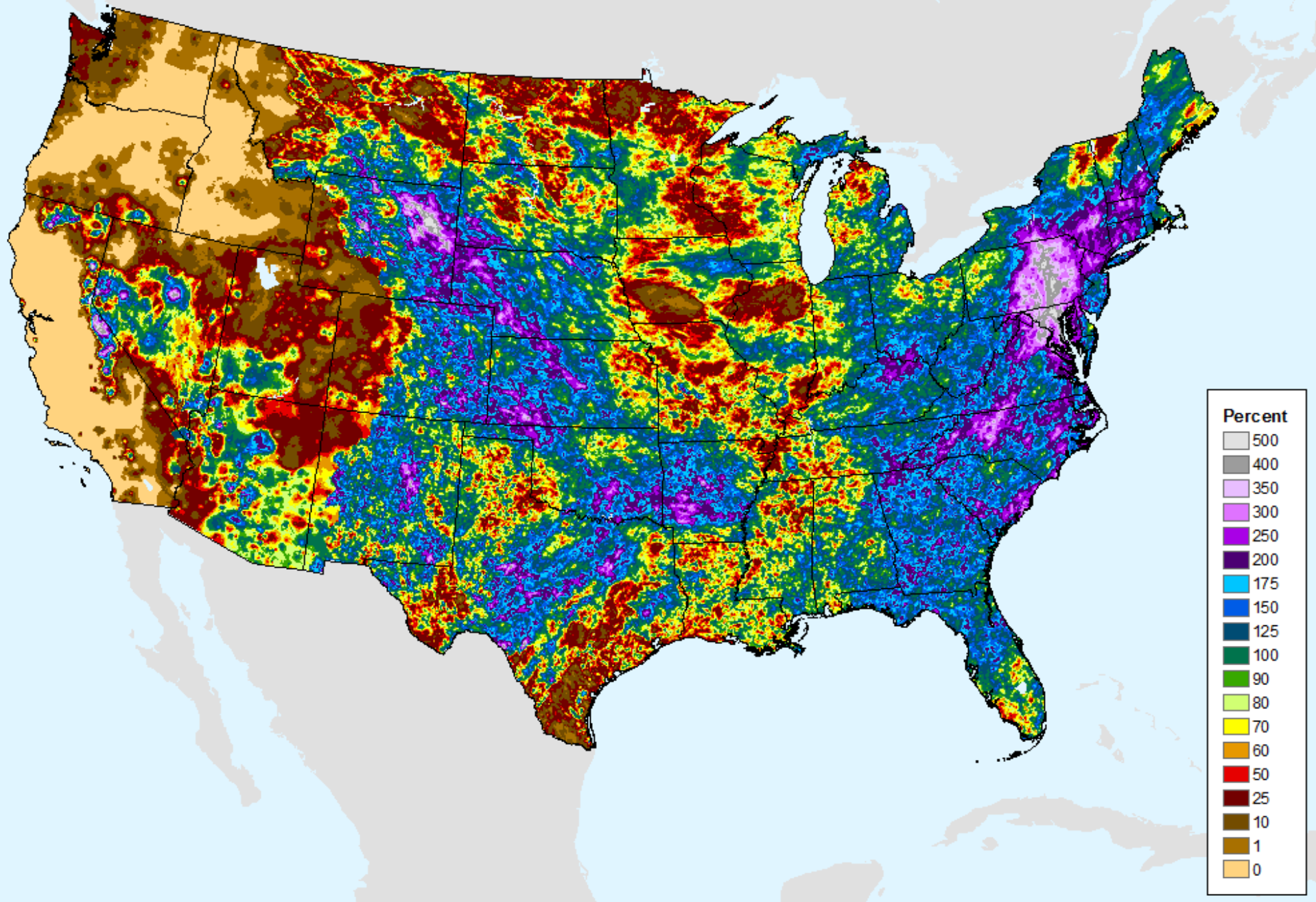
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

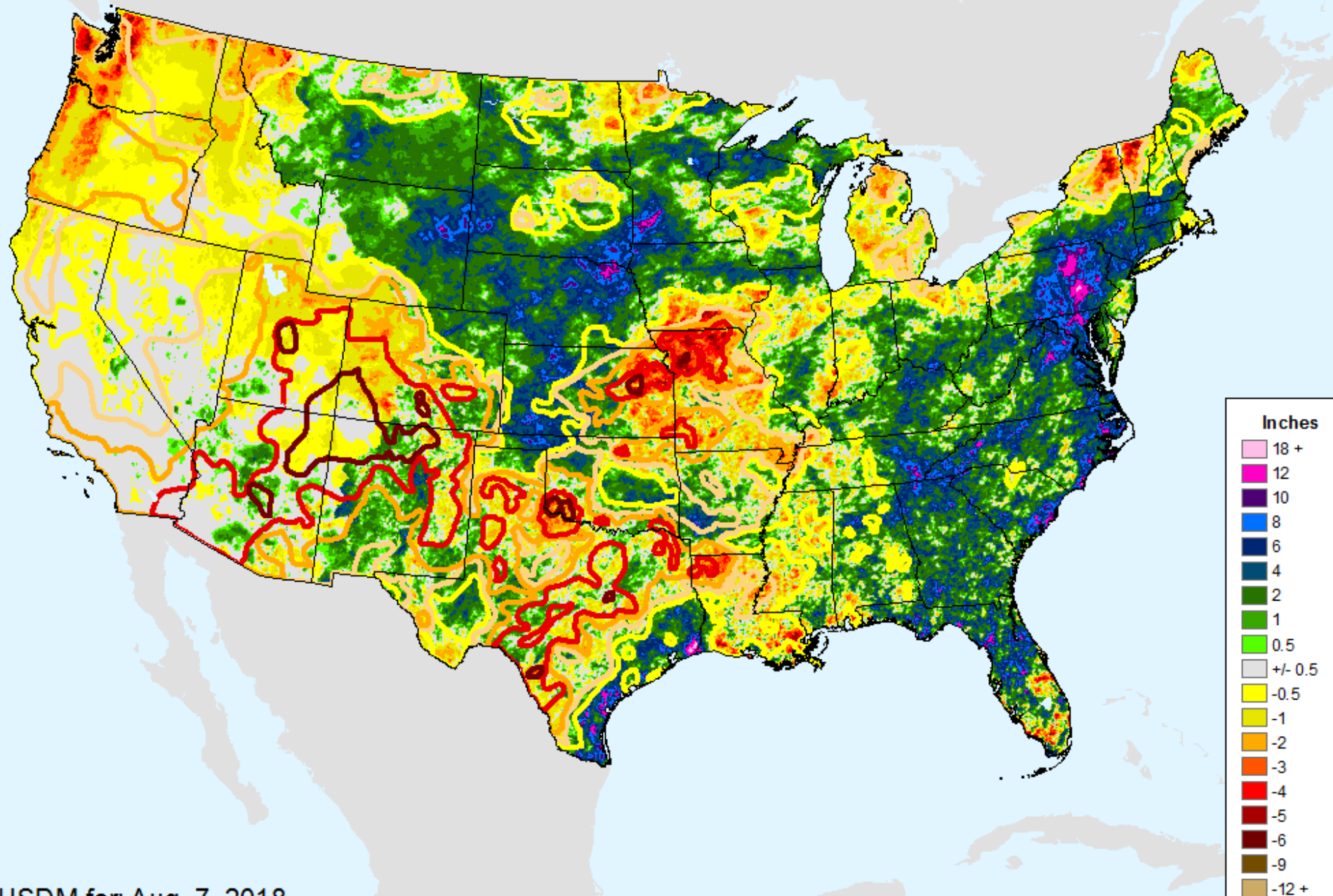
AHPS 30-Day Pct of Normal Pcp

As of: Tuesday, August 14, 2018



AHPS 60-Day Precip Departure

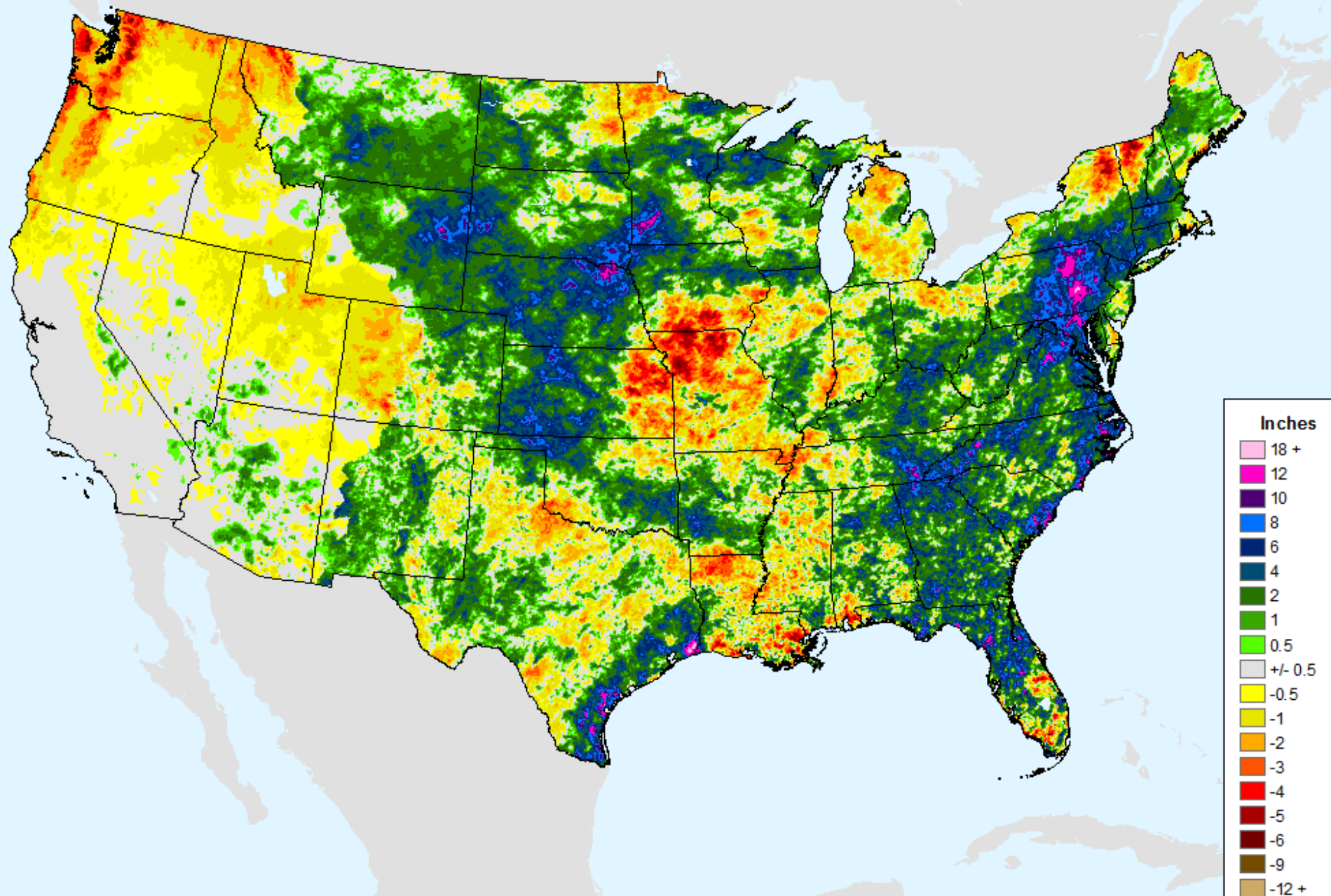
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

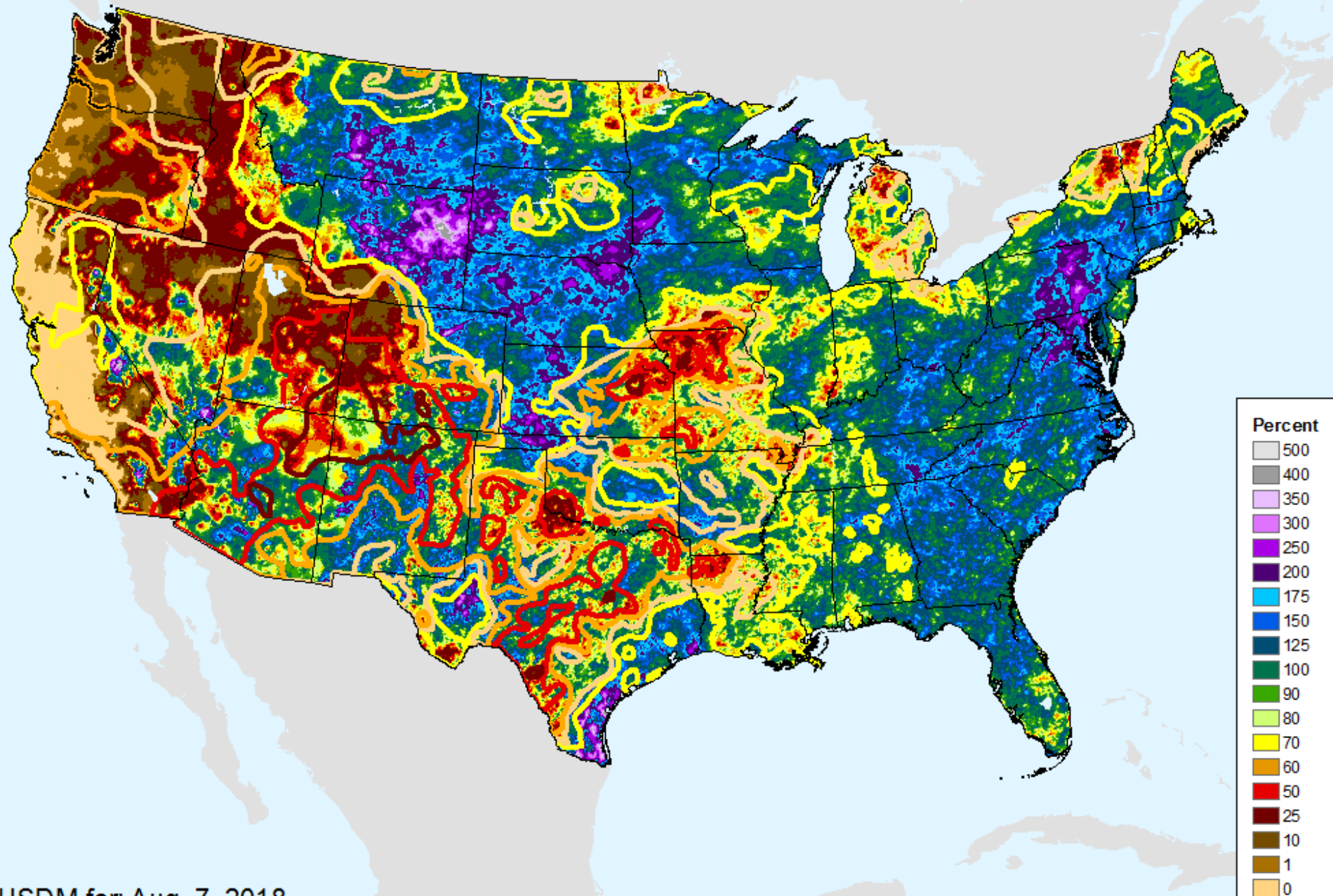
AHPS 60-Day Precip Departure

As of: Tuesday, August 14, 2018



AHPS 60-Day Pct of Normal Pcp

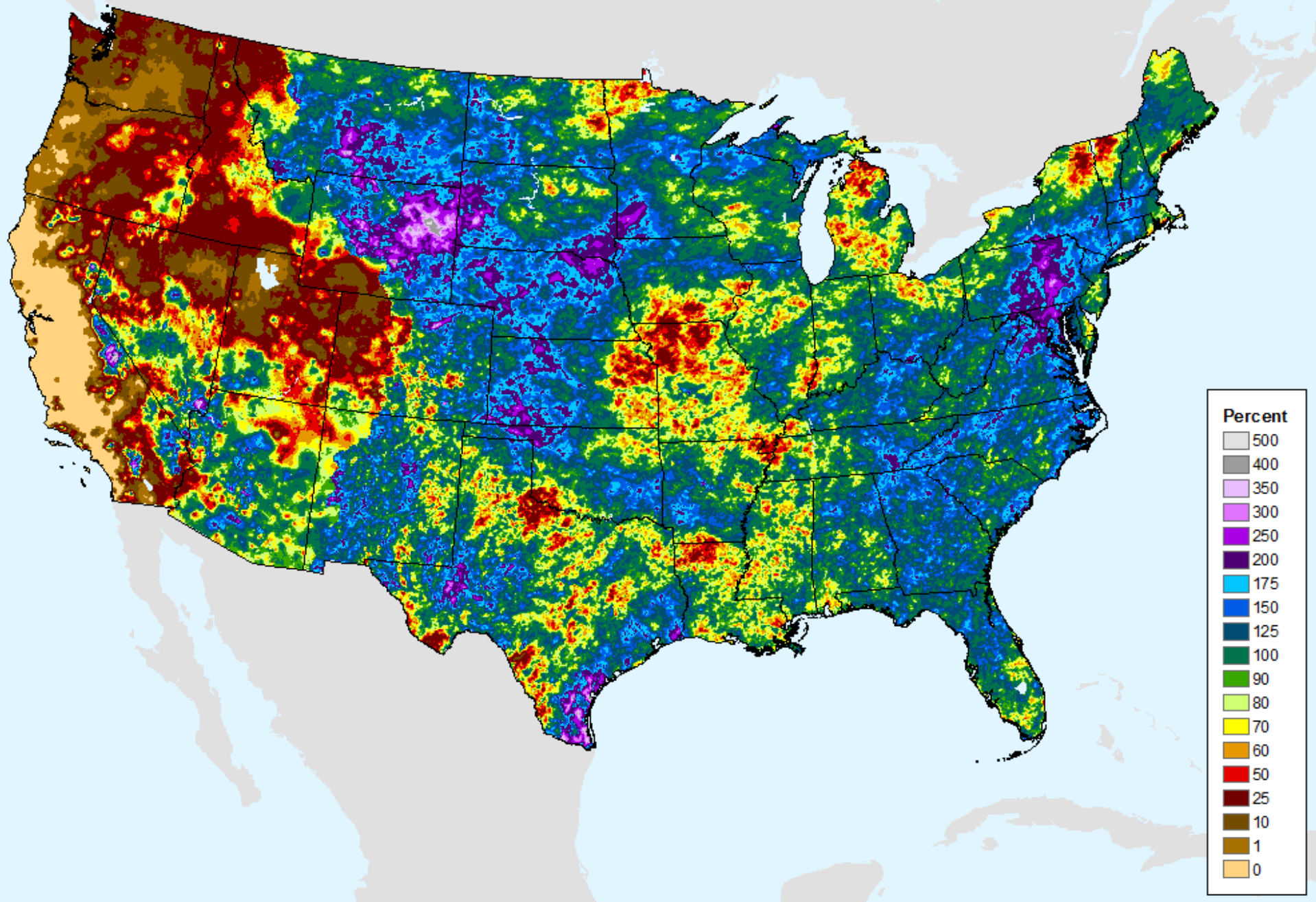
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

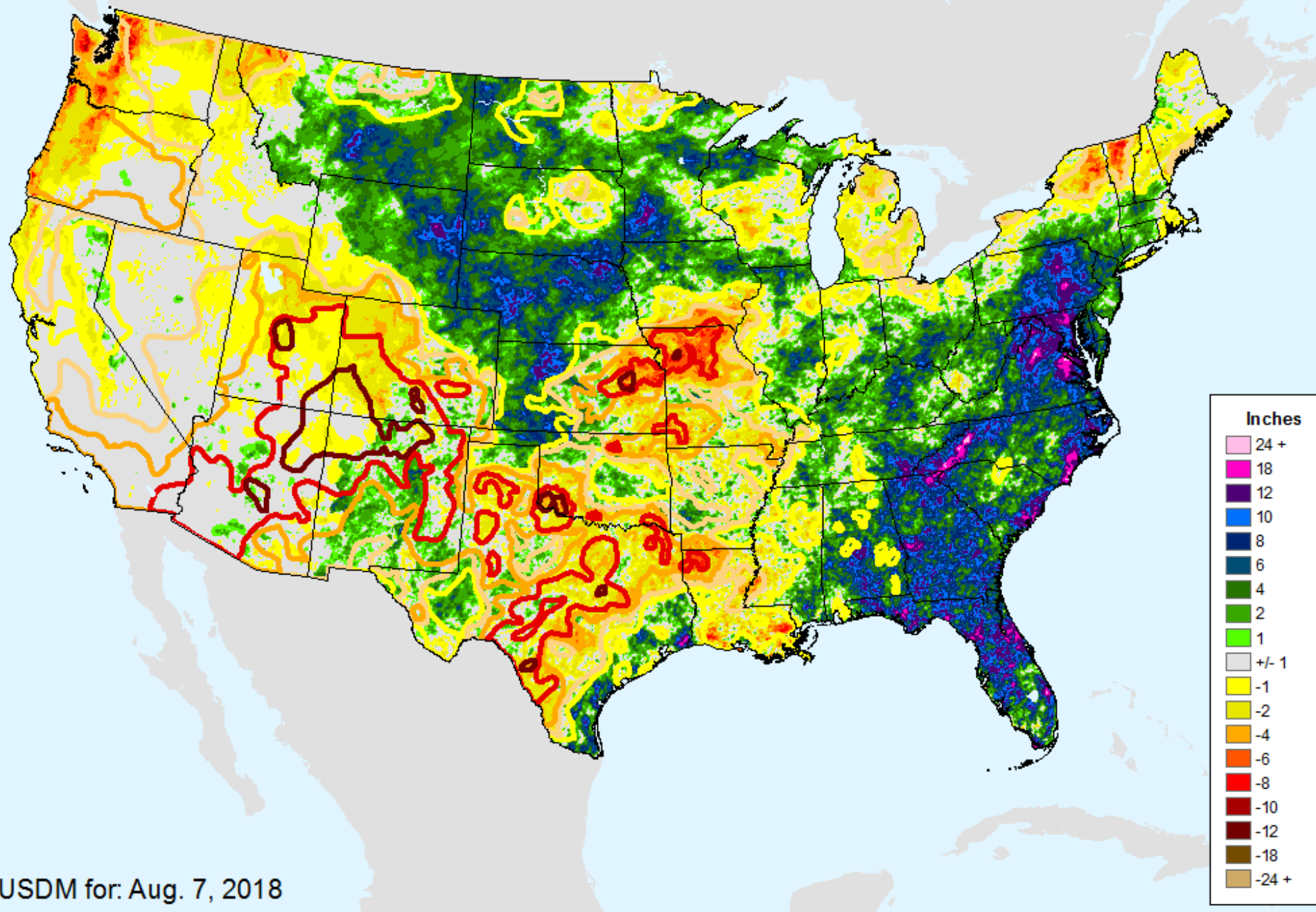
AHPS 60-Day Pct of Normal Pcp

As of: Tuesday, August 14, 2018



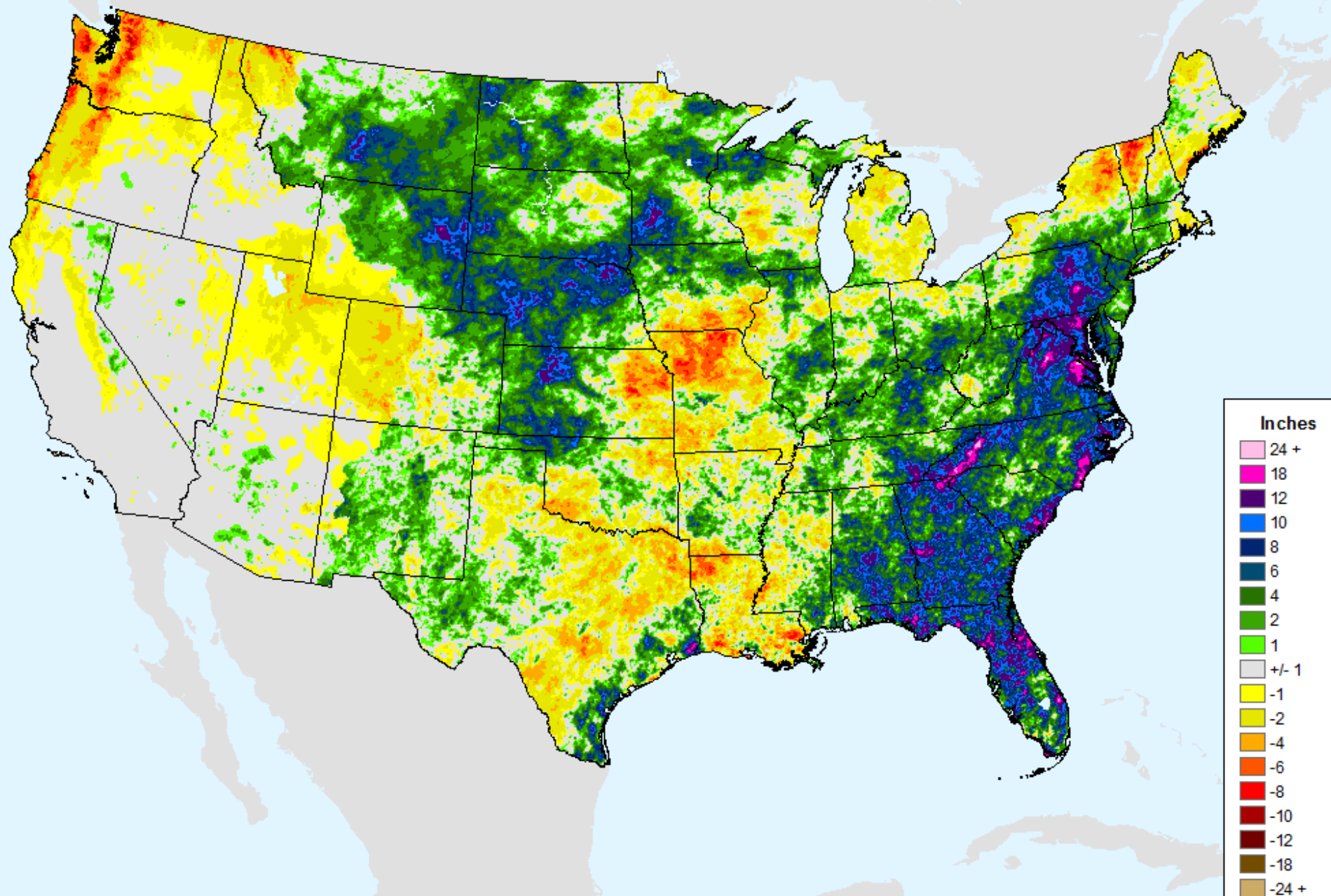
AHPS 90-Day Precip Departure

As of: Tuesday, August 14, 2018



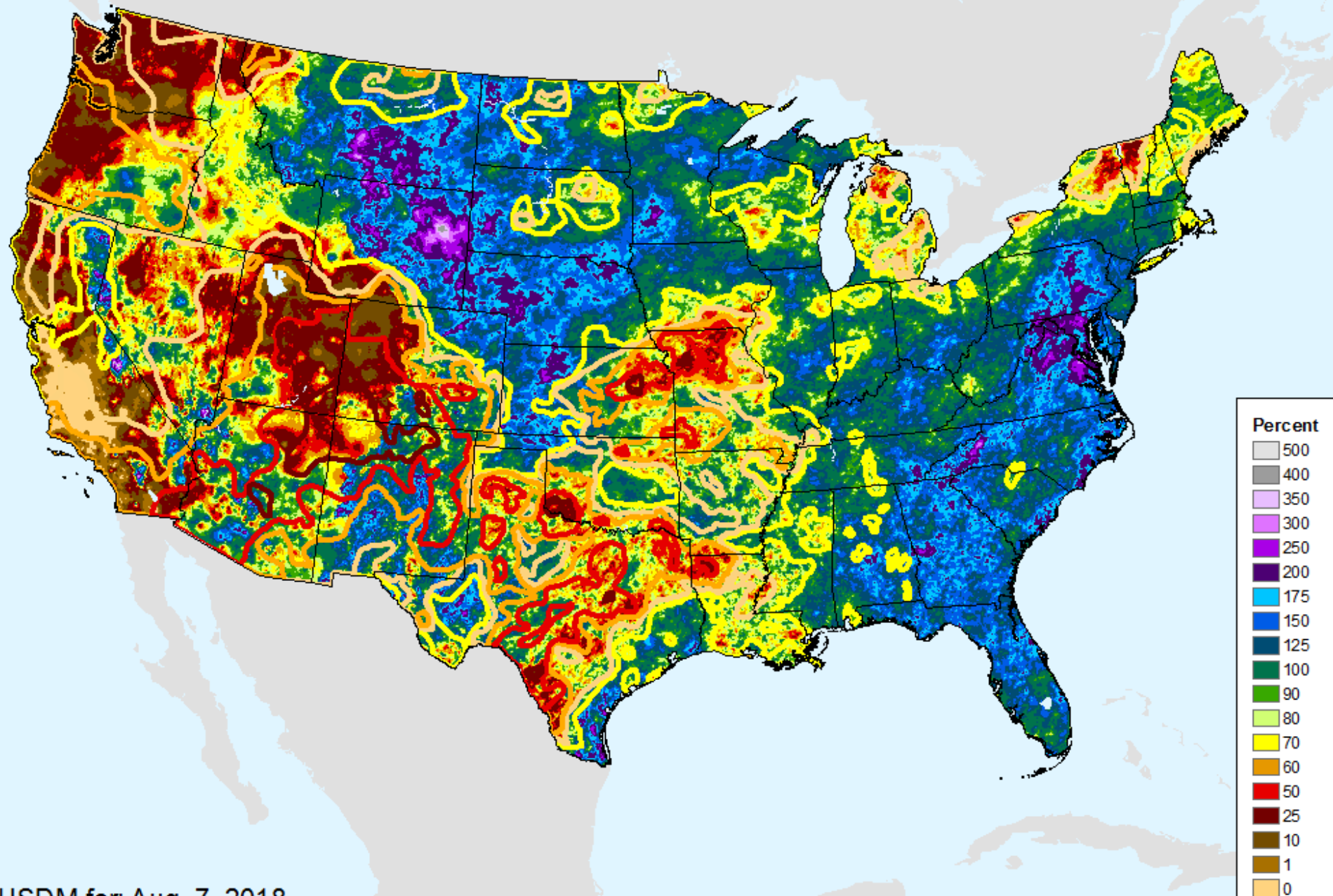
AHPS 90-Day Precip Departure

As of: Tuesday, August 14, 2018



AHPS 90-Day Pct of Normal Pcp

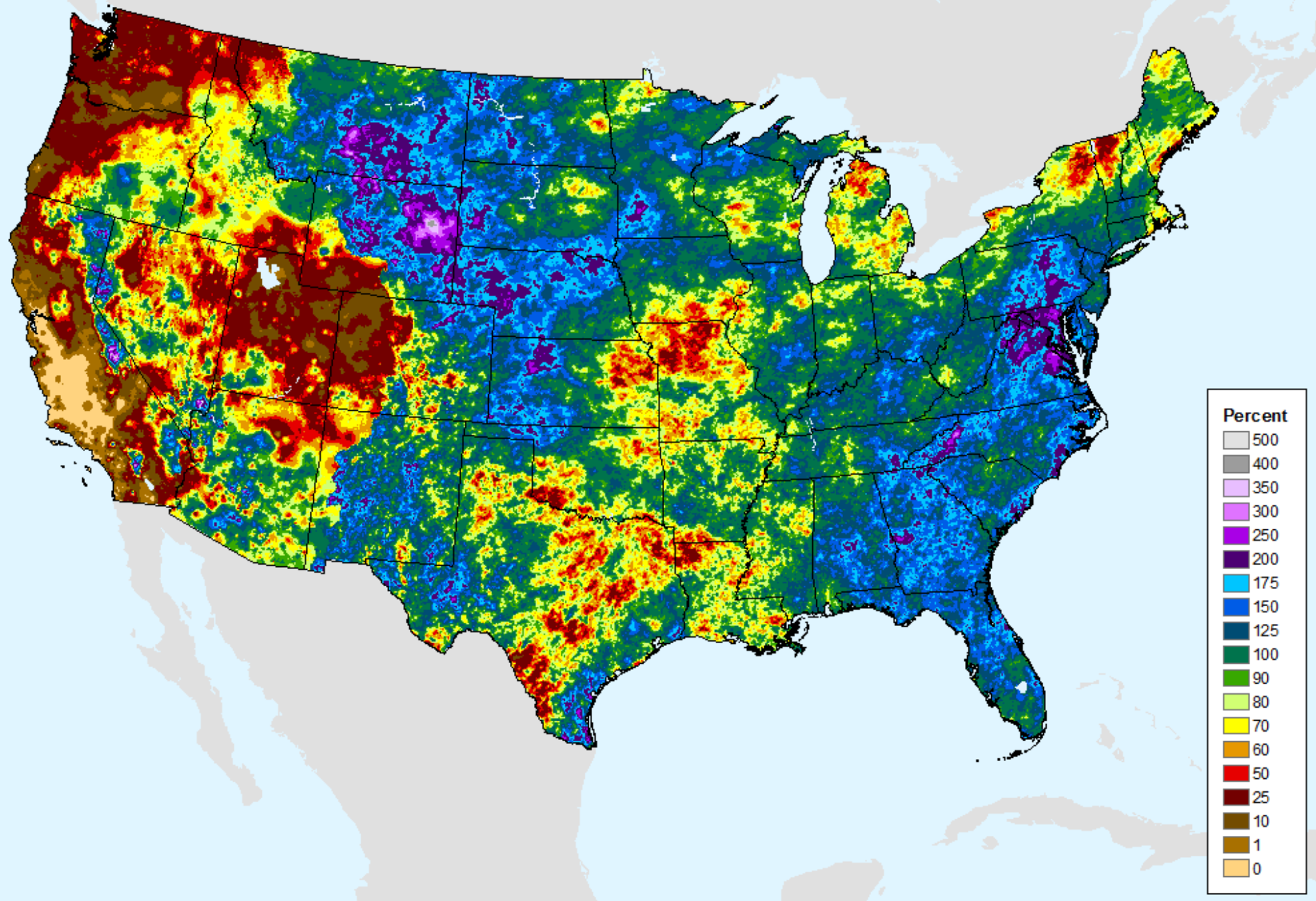
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

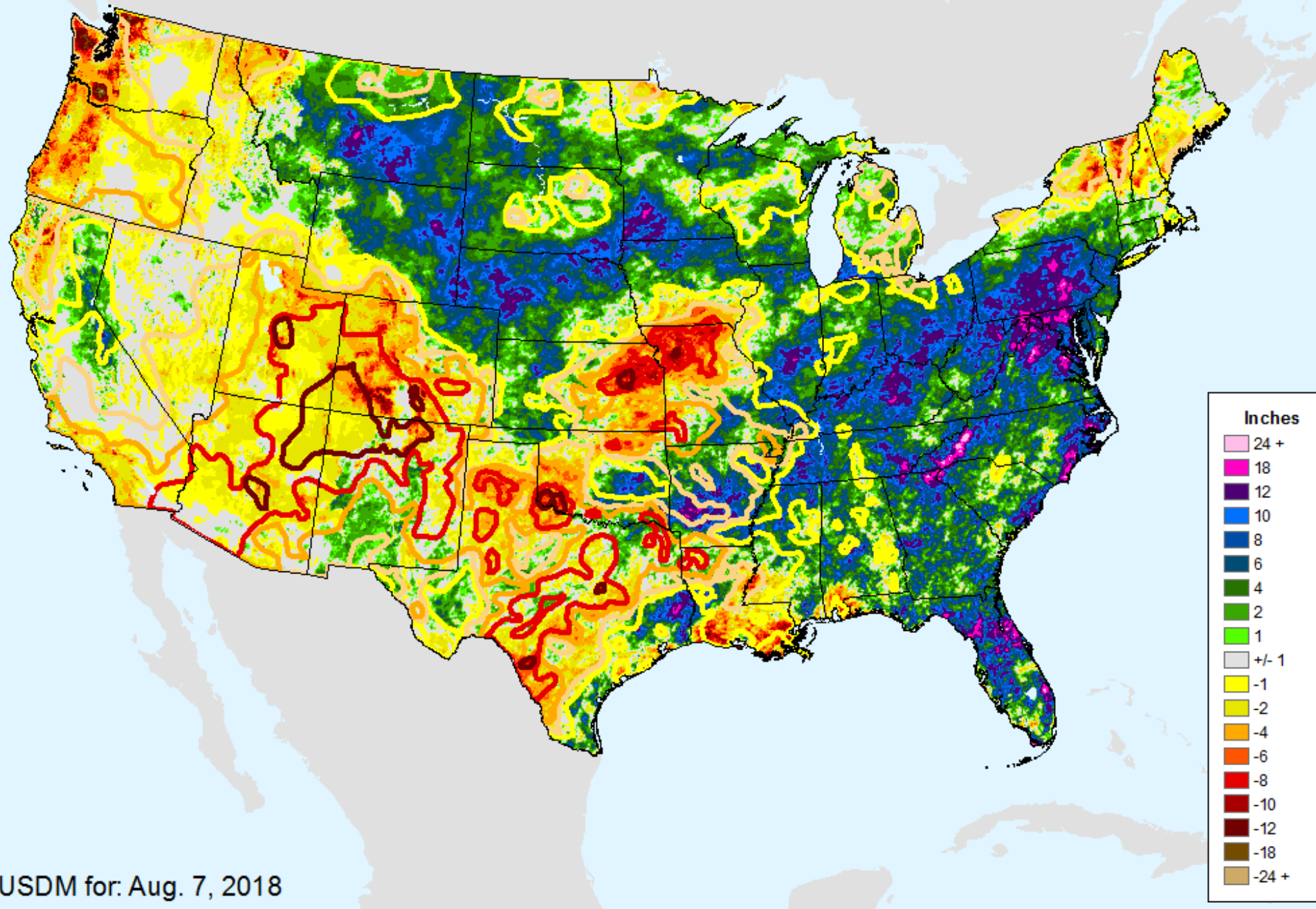
AHPS 90-Day Pct of Normal Pcp

As of: Tuesday, August 14, 2018



AHPS 180-Day Precip Departure

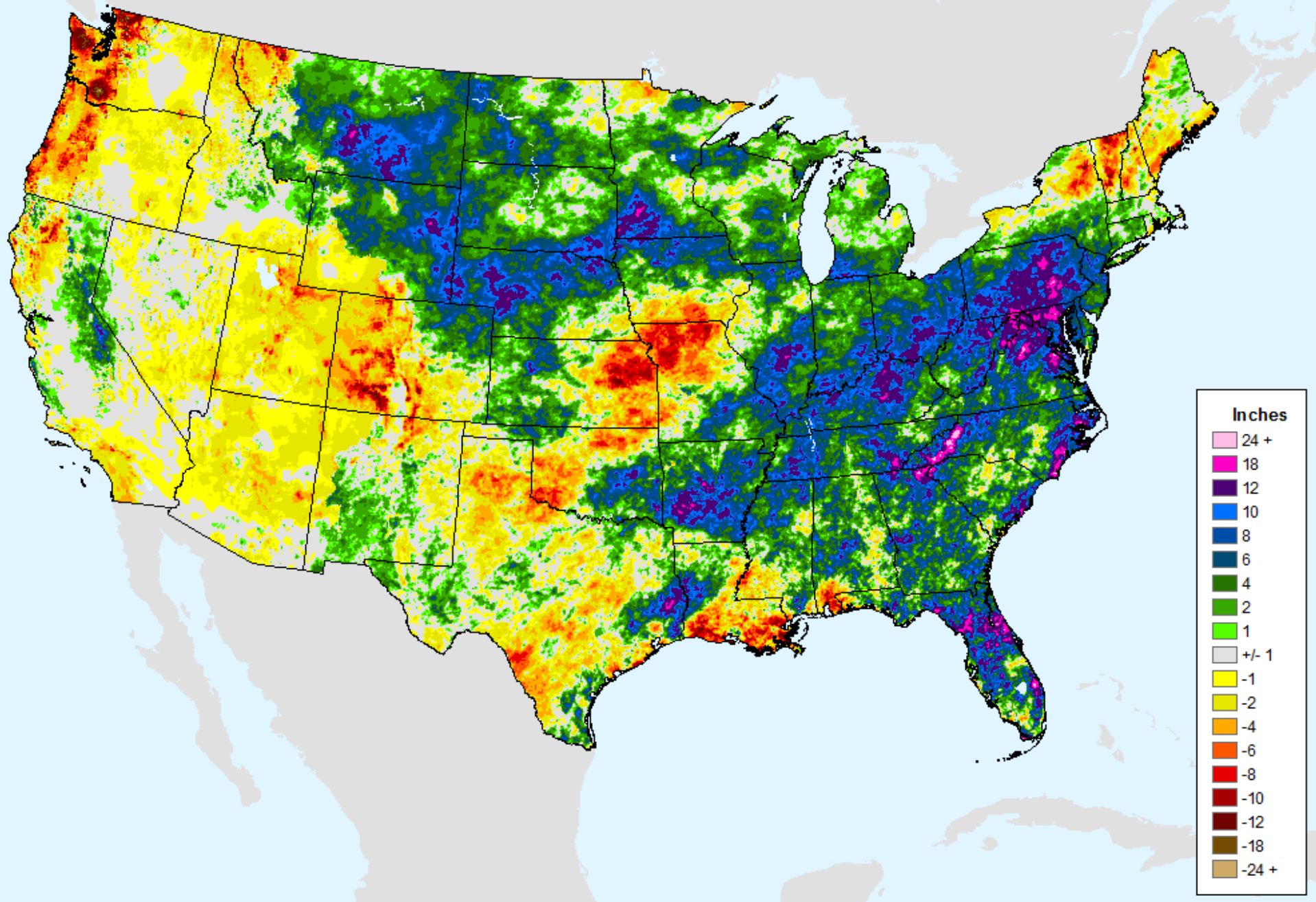
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

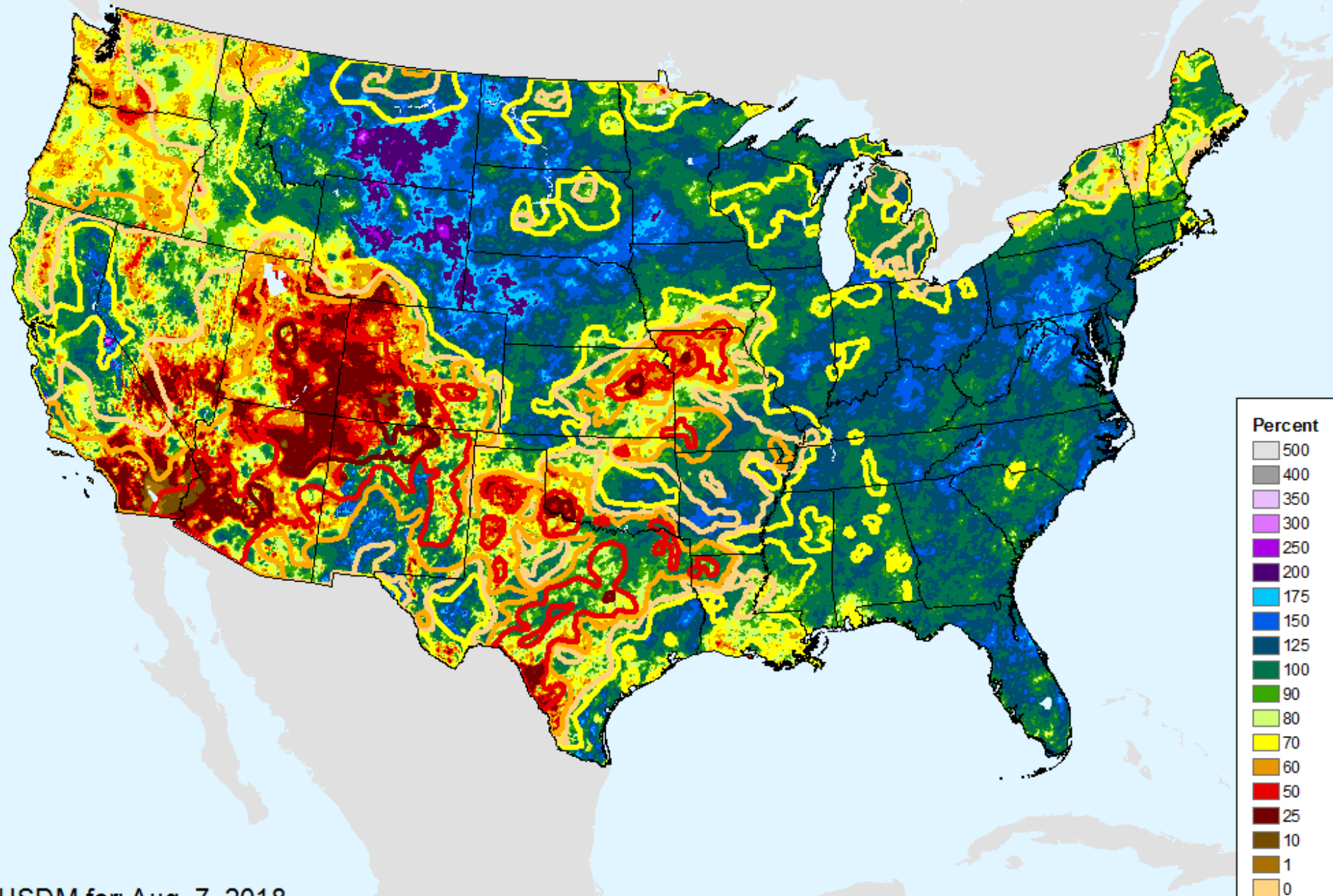
AHPS 180-Day Precip Departure

As of: Tuesday, August 14, 2018



AHPS 180-Day Pct of Normal Pcp

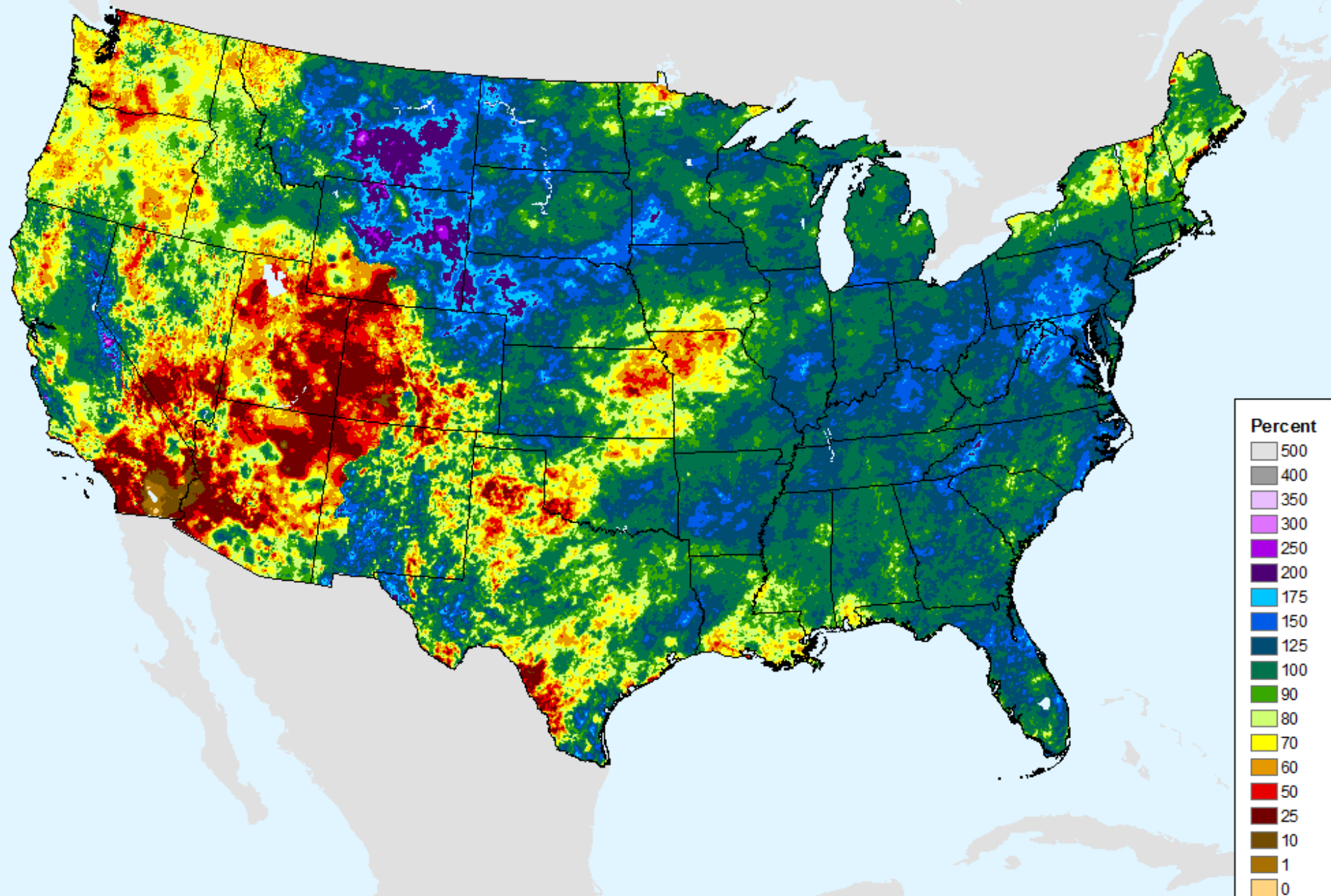
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

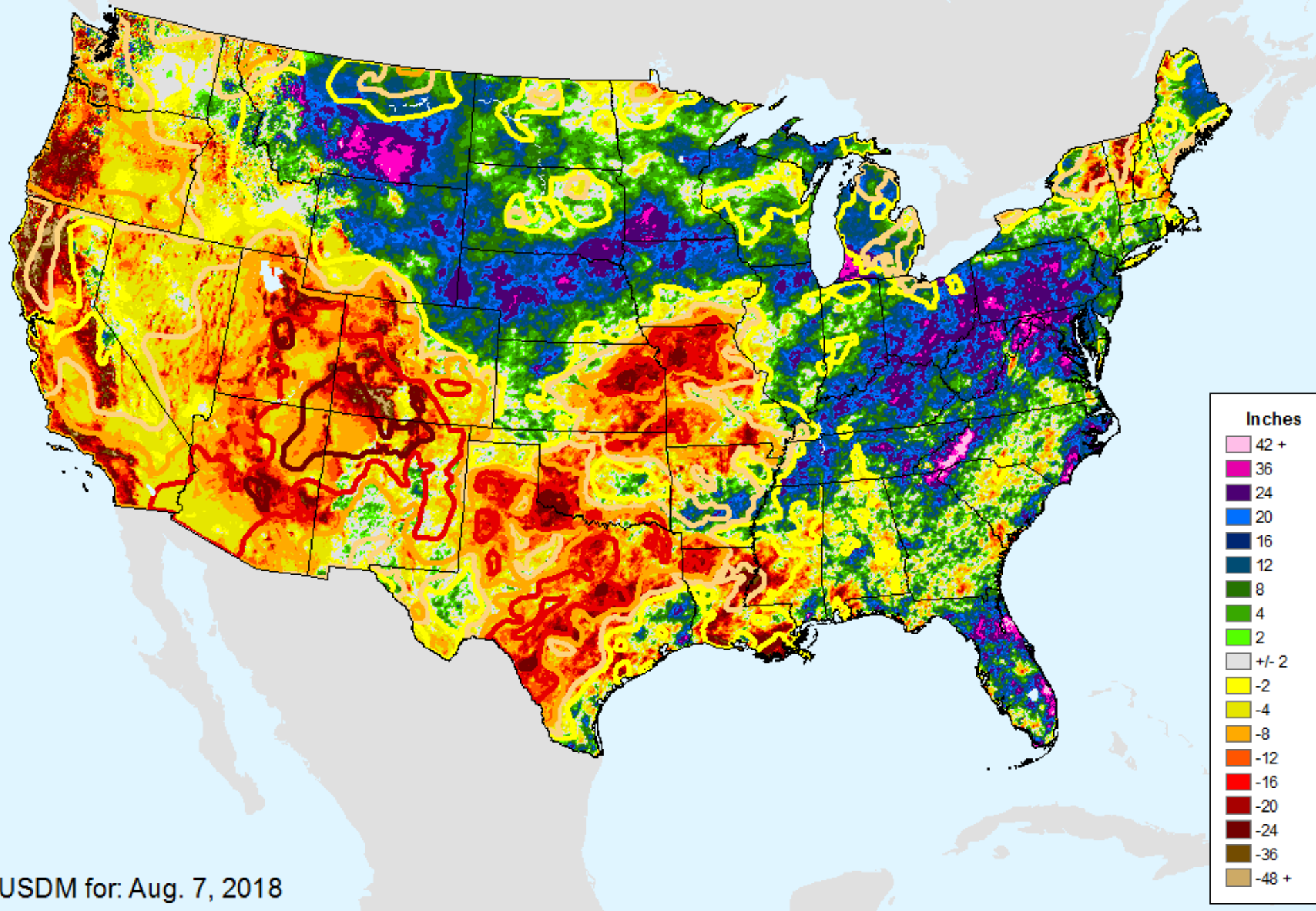
AHPS 180-Day Pct of Normal Pcp

As of: Tuesday, August 14, 2018



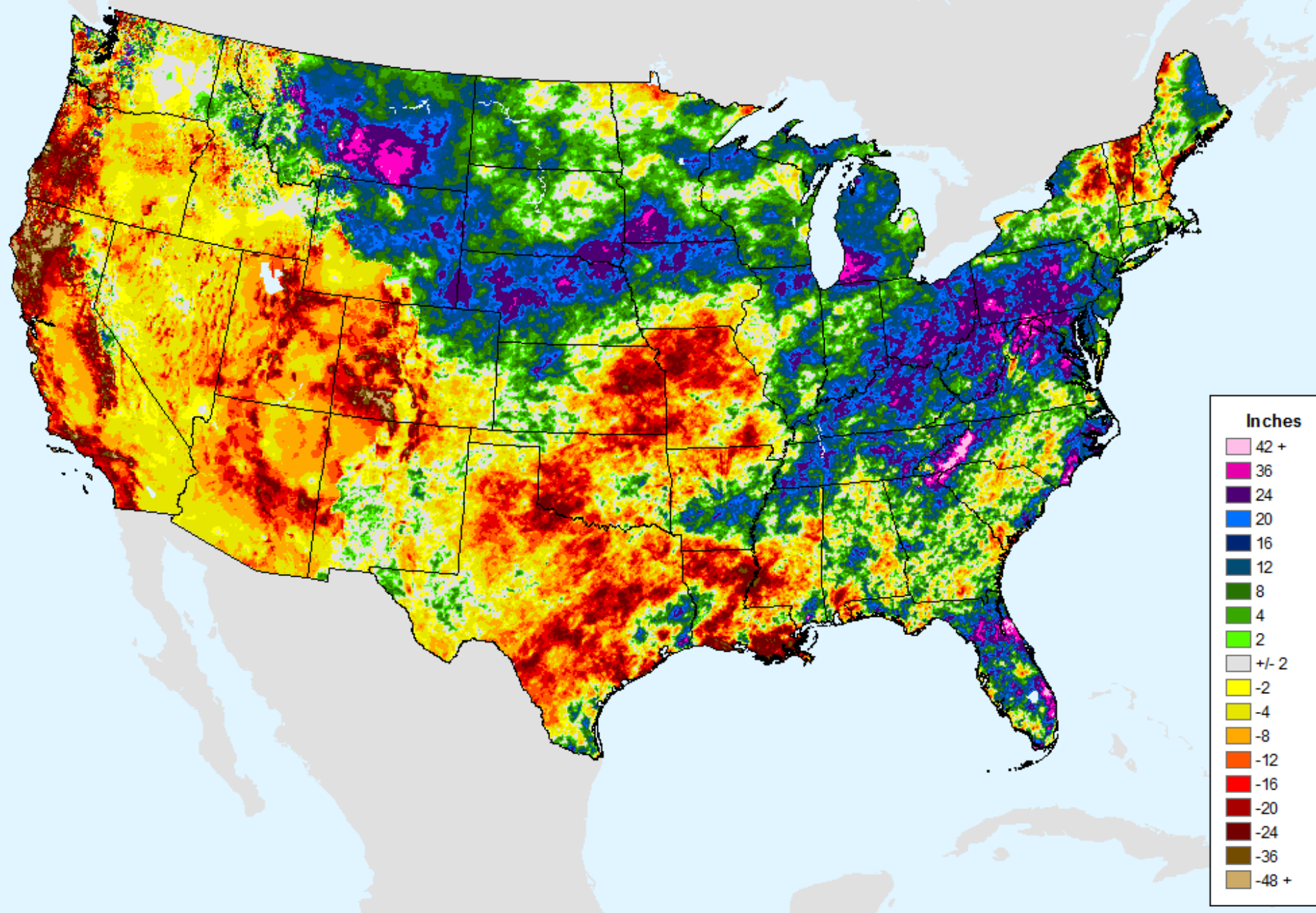
AHPS Water-Year Precip Departure

As of: Tuesday, August 14, 2018



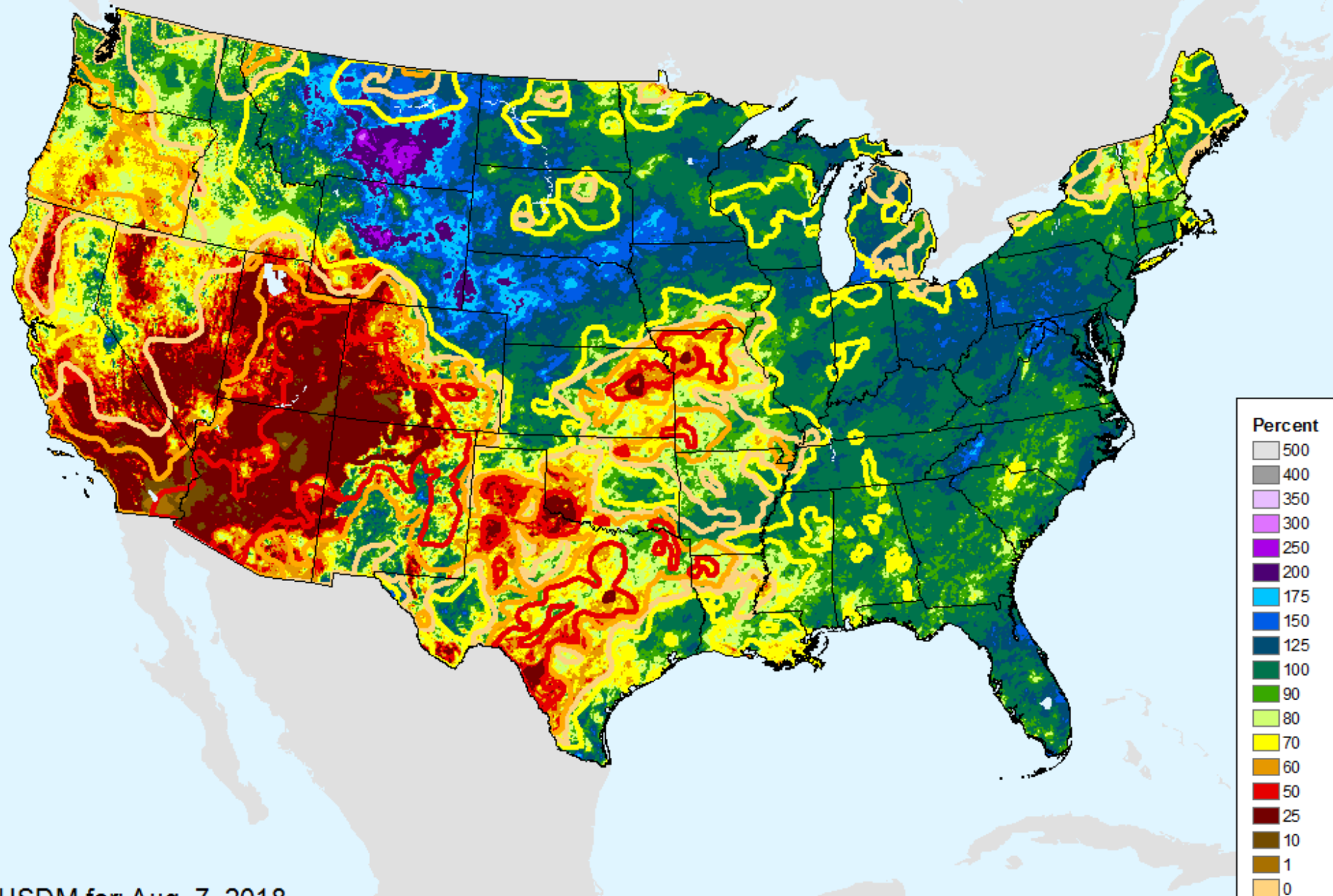
AHPS Water-Year Precip Departure

As of: Tuesday, August 14, 2018



AHPS Water-Year Pct of Normal Pcp

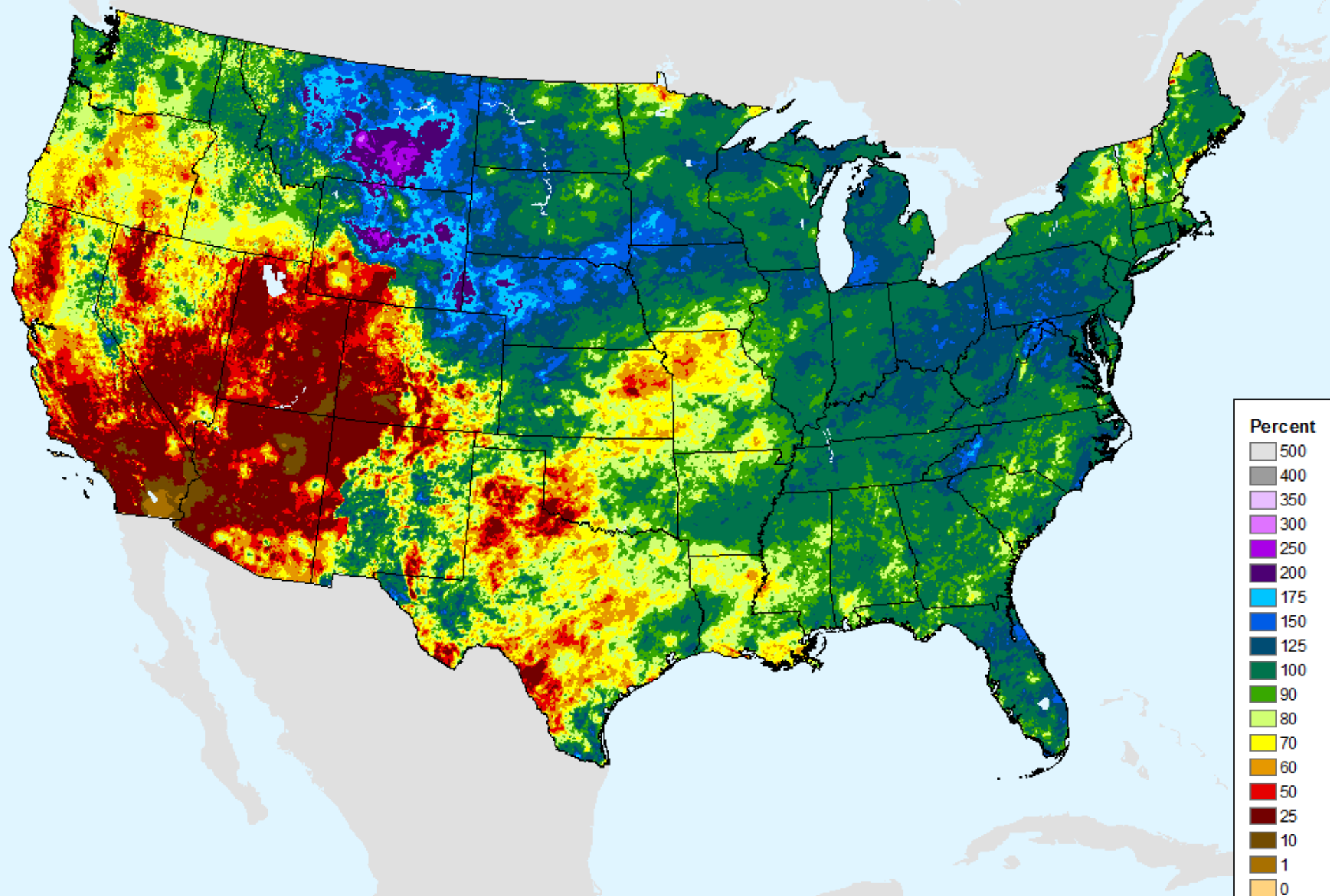
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

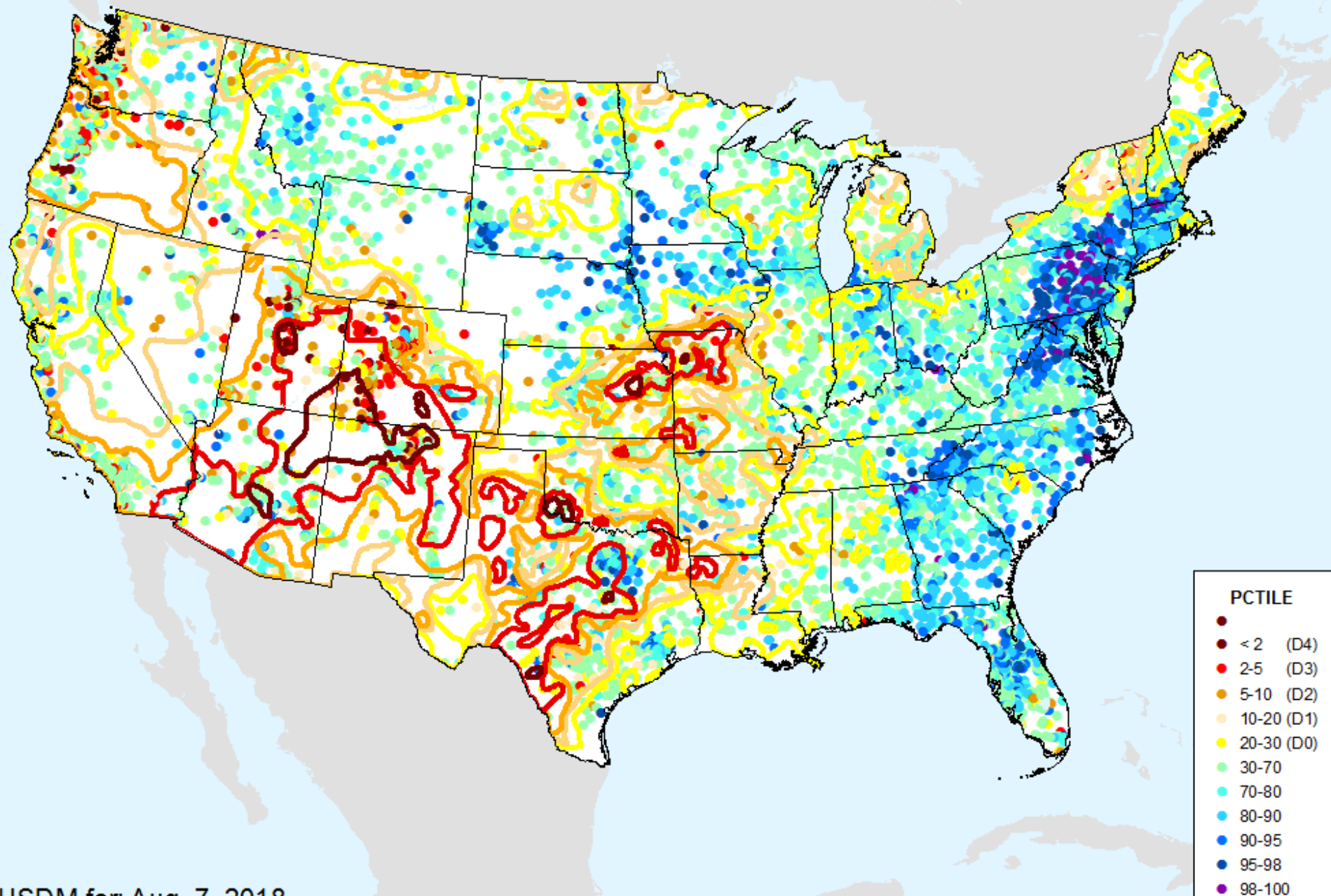
AHPS Water-Year Pct of Normal Pcp

As of: Tuesday, August 14, 2018



USGS 7-Day Avg Streamflow

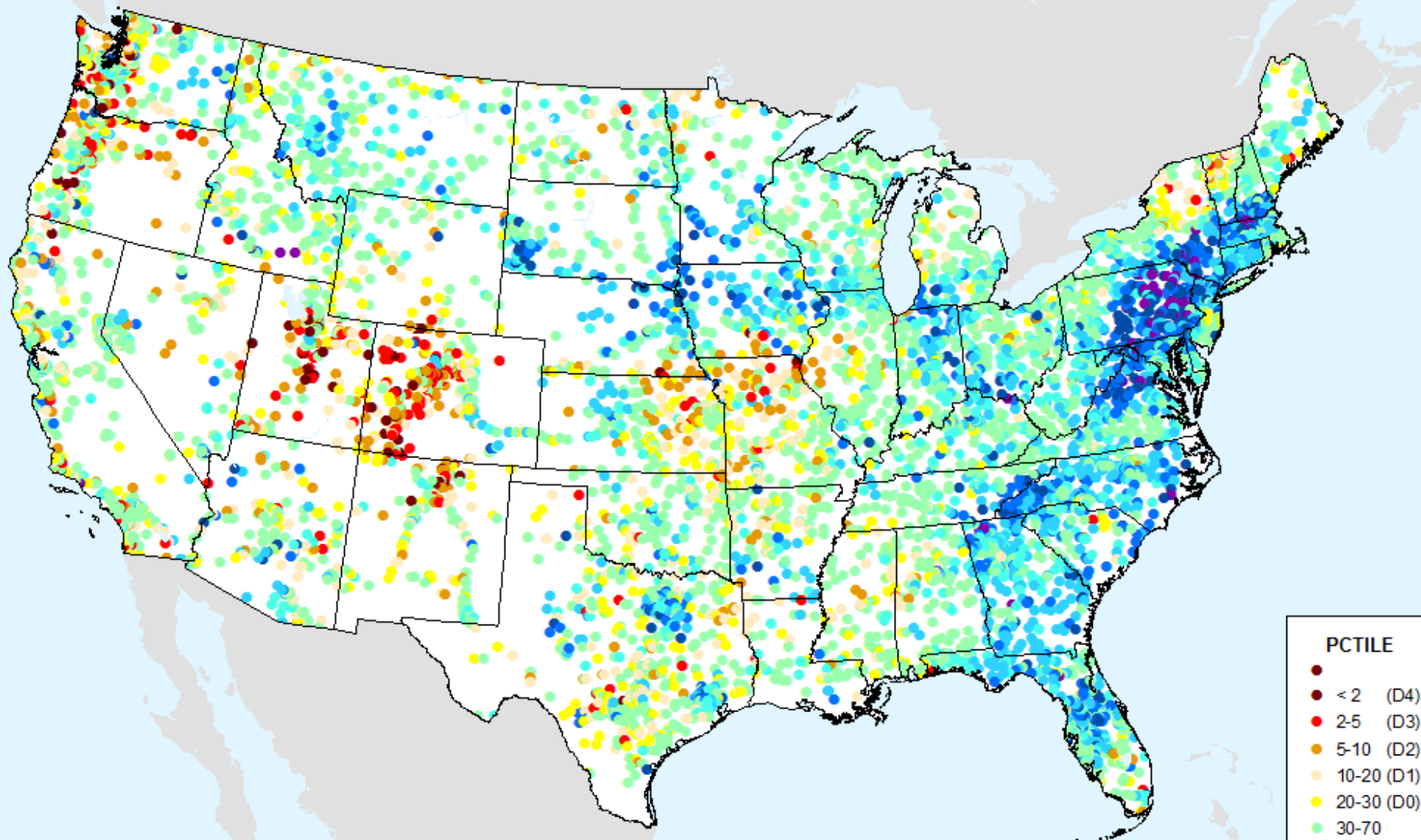
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

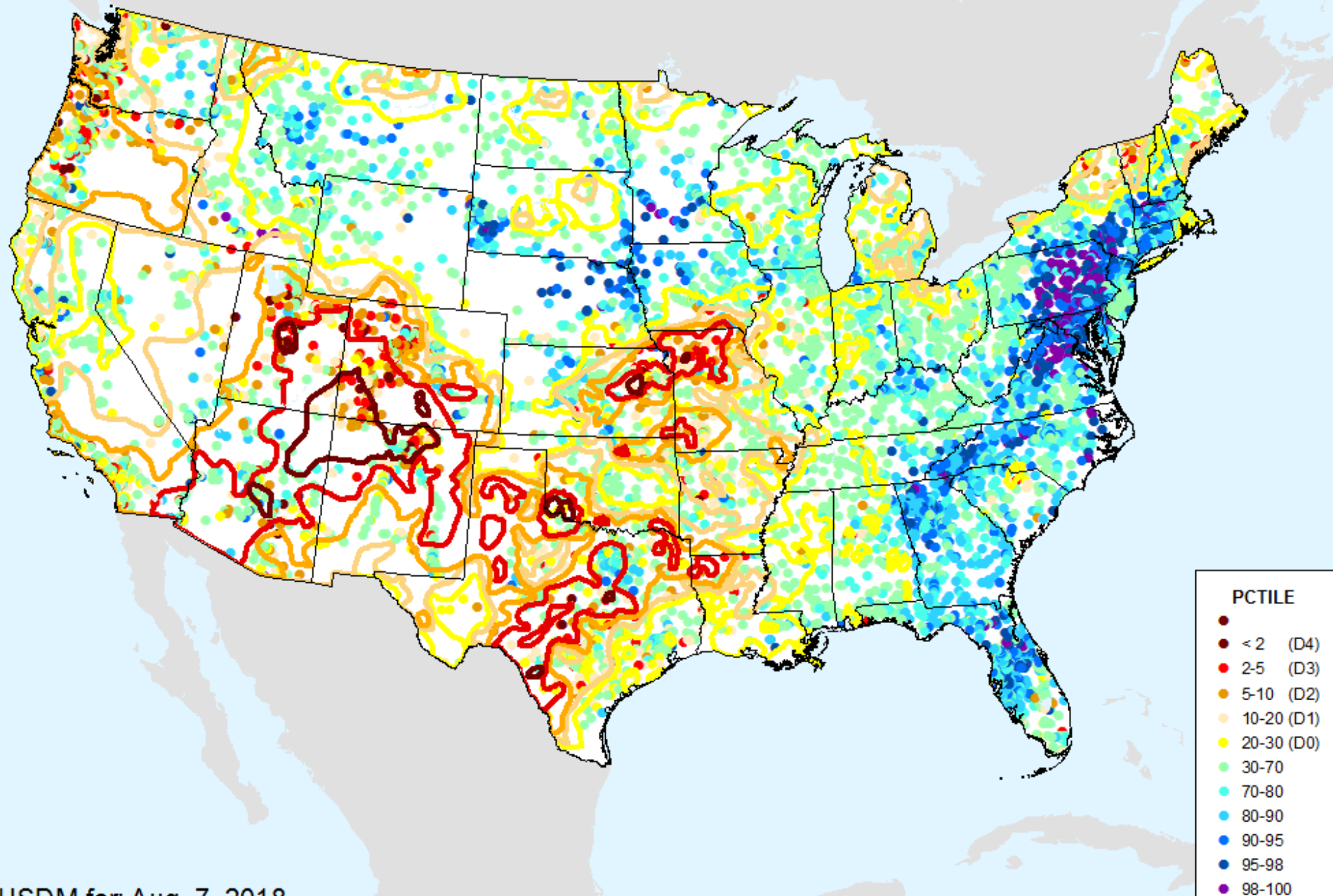
USGS 7-Day Avg Streamflow

As of: Tuesday, August 14, 2018



USGS 28-Day Avg Streamflow

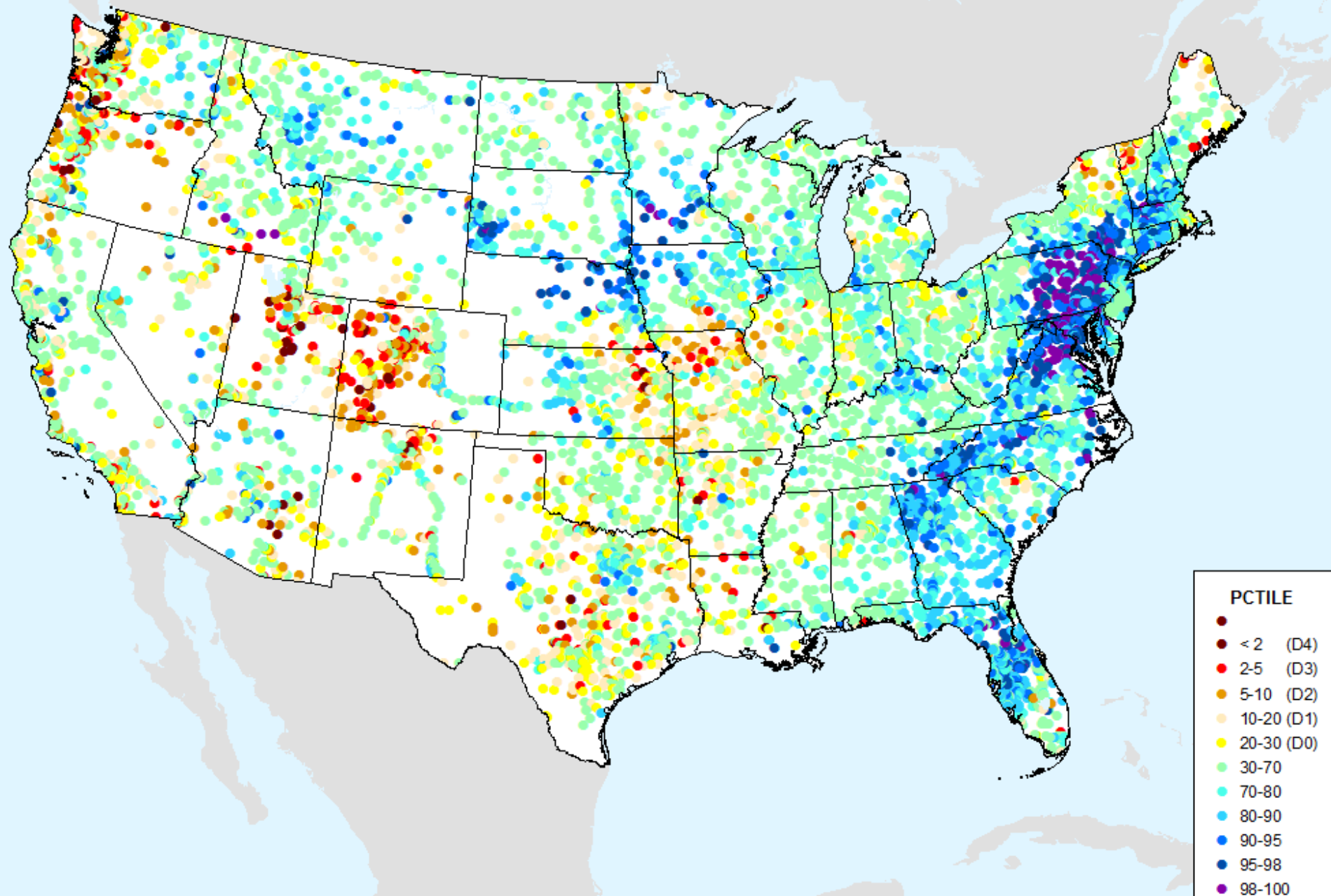
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

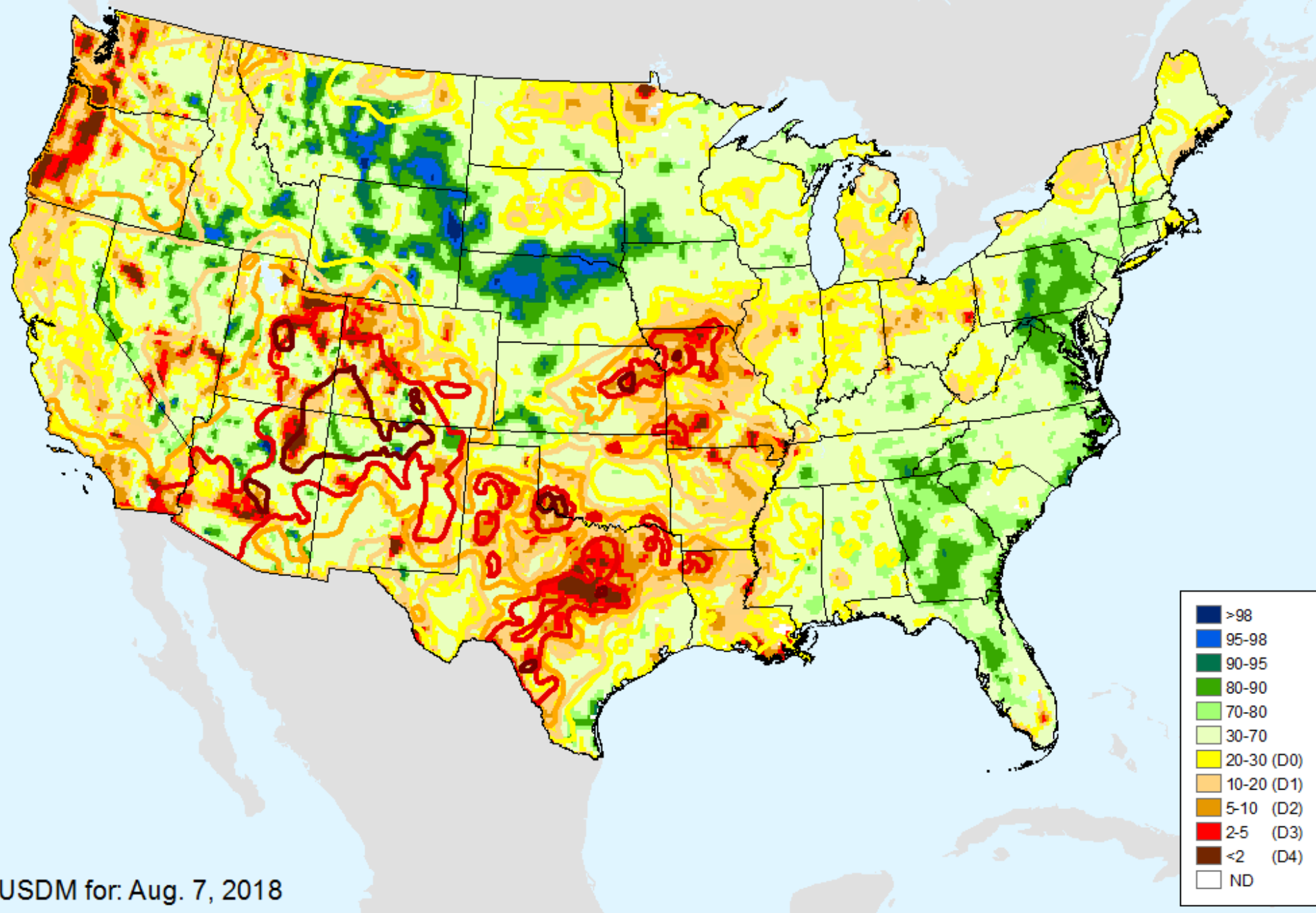
USGS 28-Day Avg Streamflow

As of: Tuesday, August 14, 2018



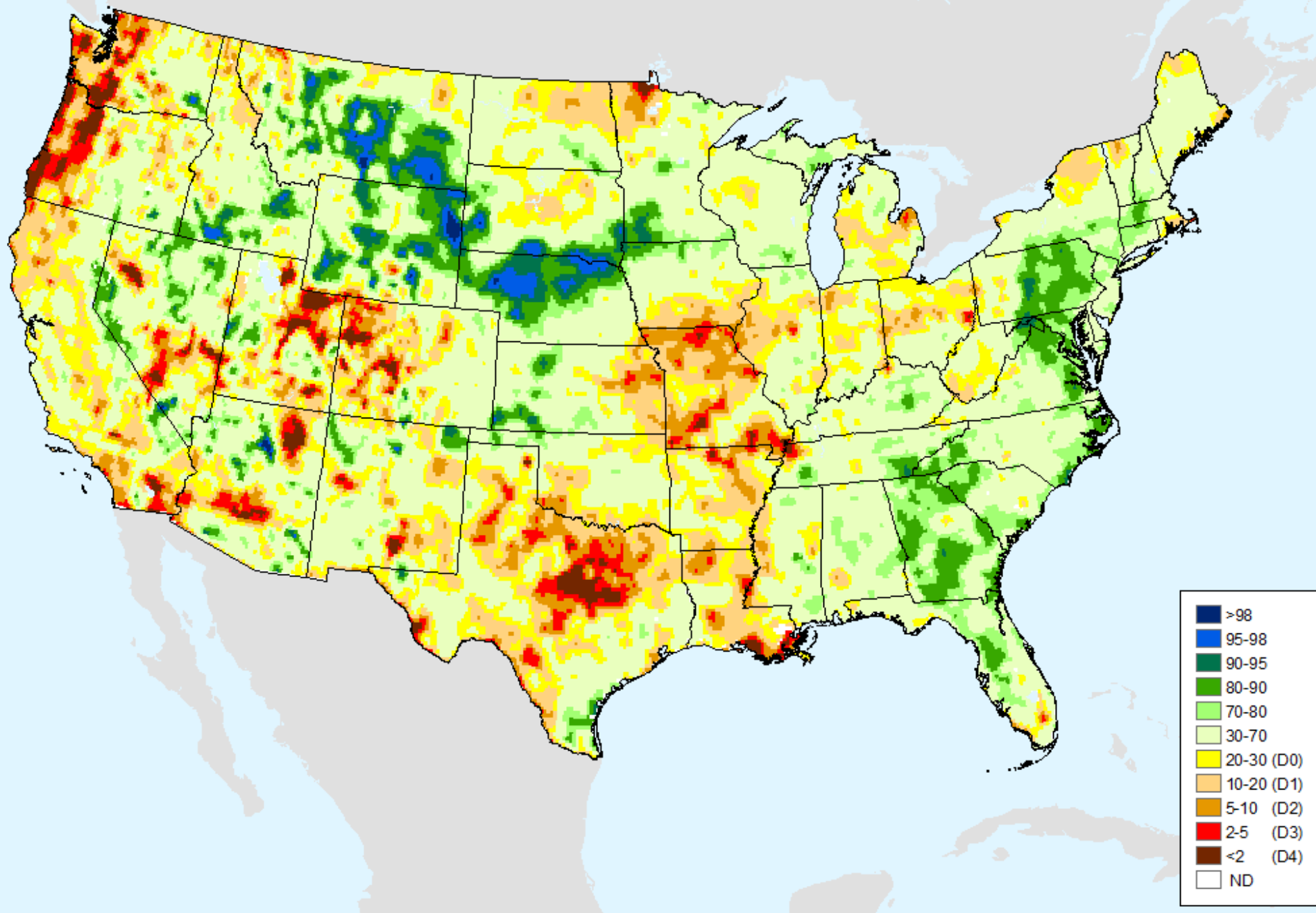
NLDAS Top 1m Soil Moisture

As of: Tuesday, August 14, 2018



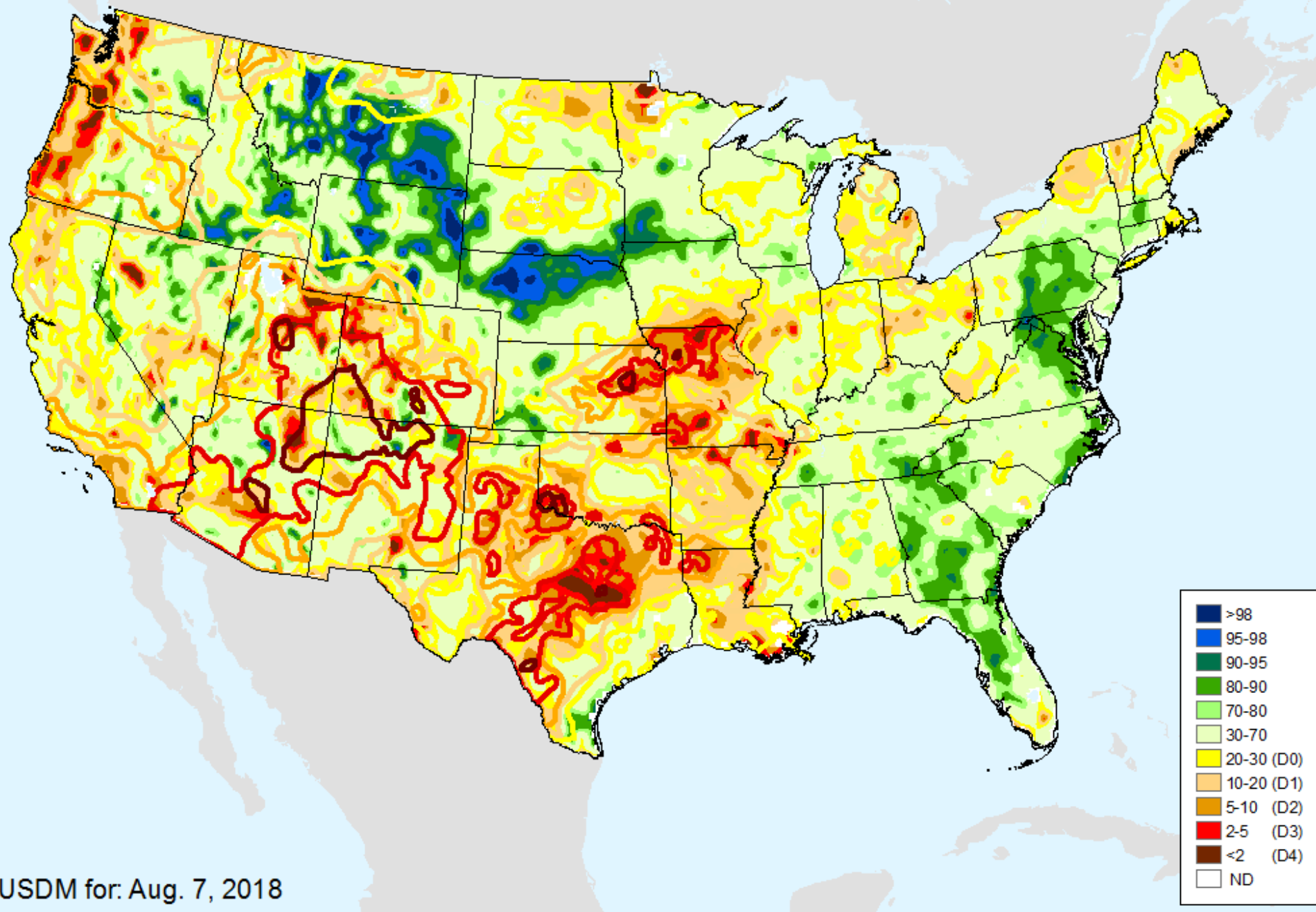
NLDAS Top 1m Soil Moisture

As of: Tuesday, August 14, 2018



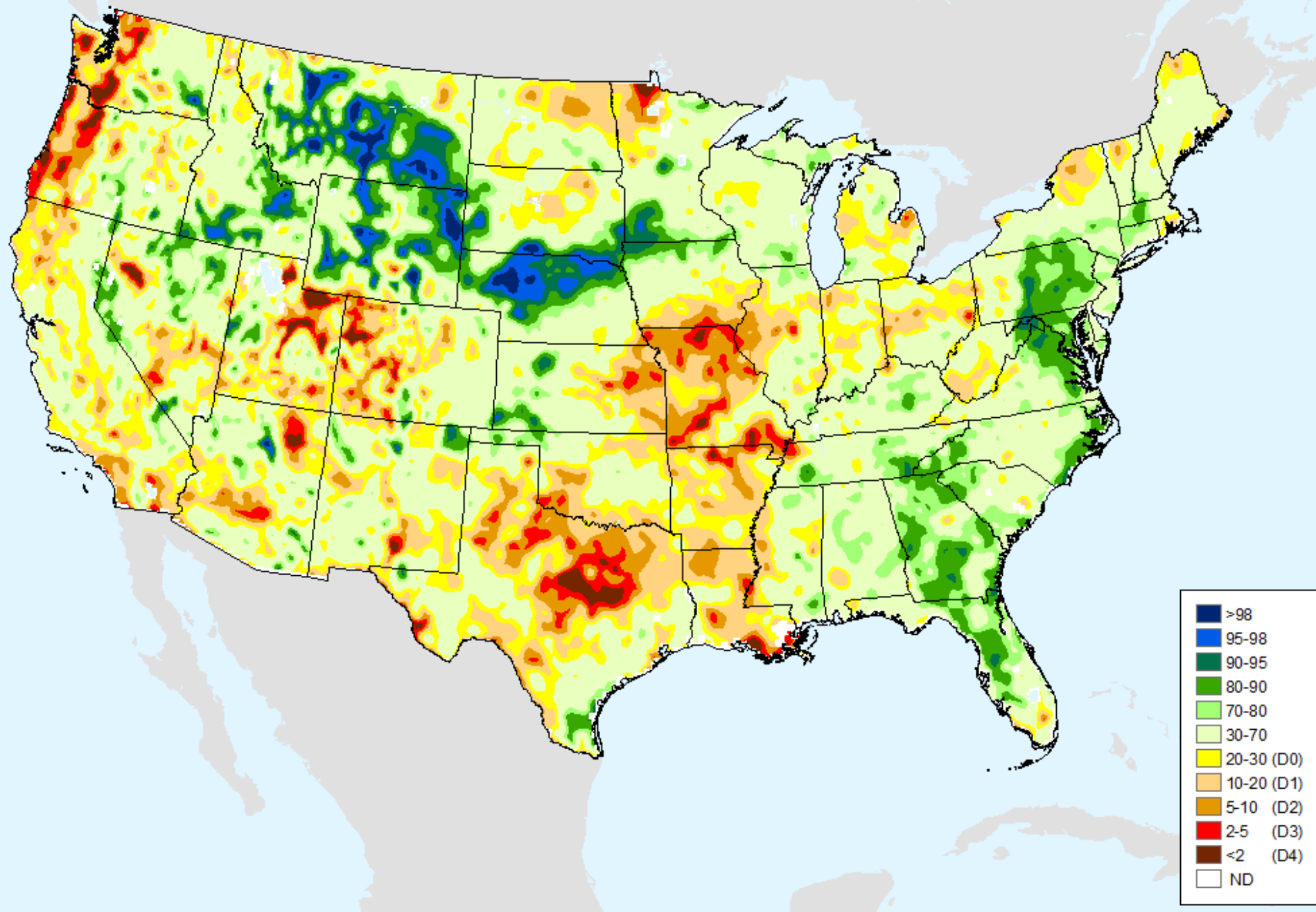
NLDAS Total Column Soil Moisture

As of: Tuesday, August 14, 2018



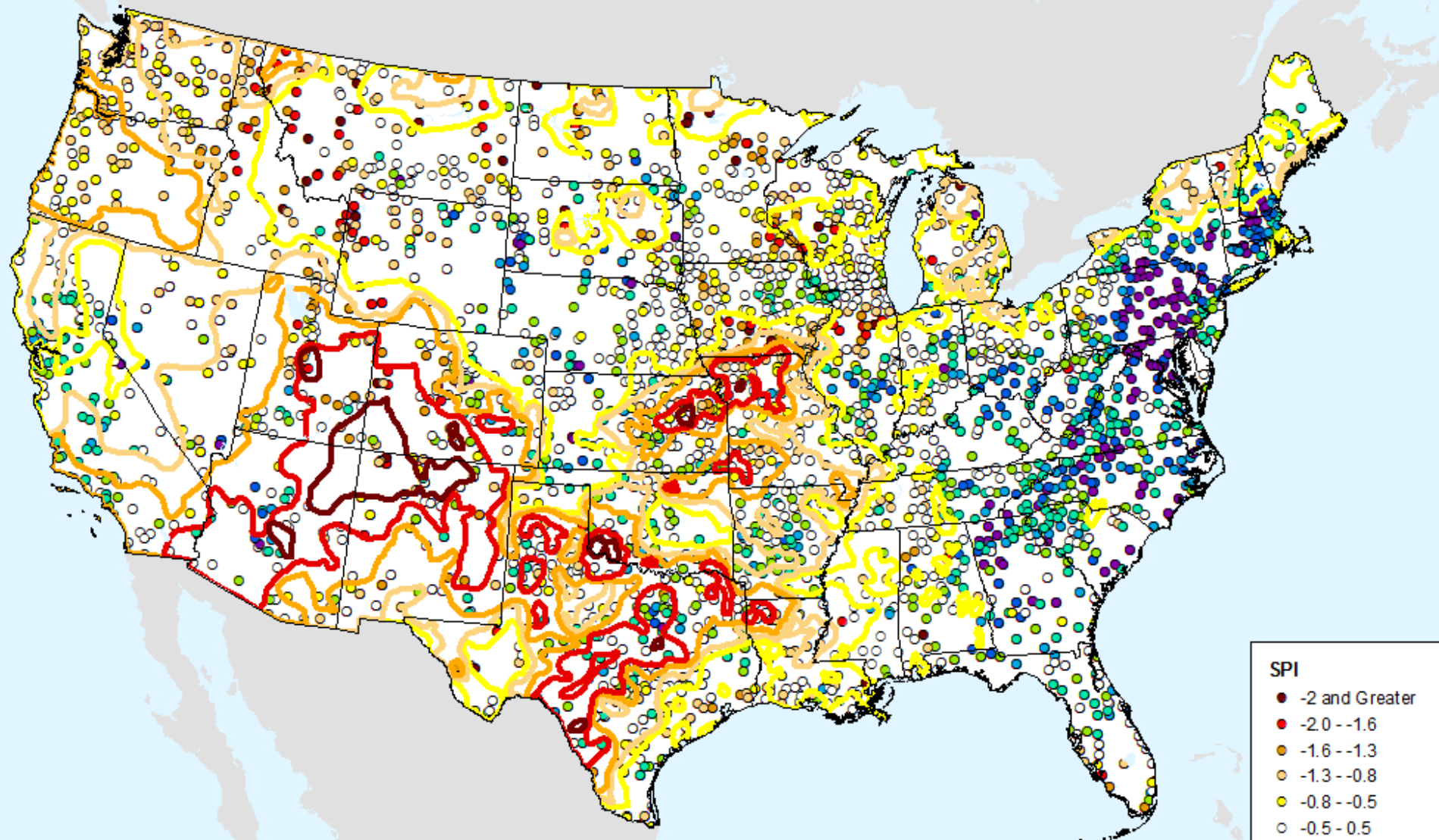
NLDAS Total Column Soil Moisture

As of: Tuesday, August 14, 2018



HPRCC 1-month SPI

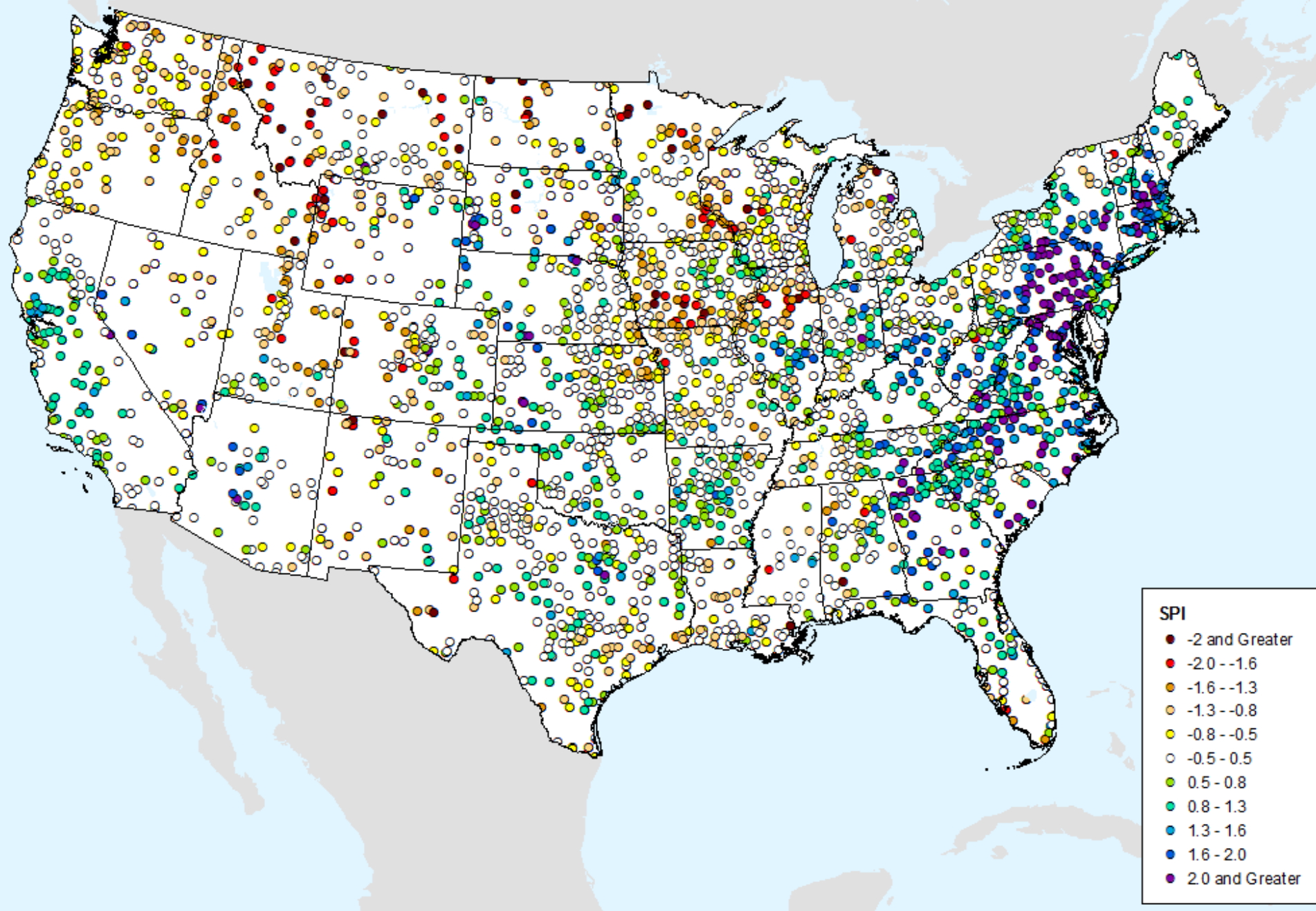
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

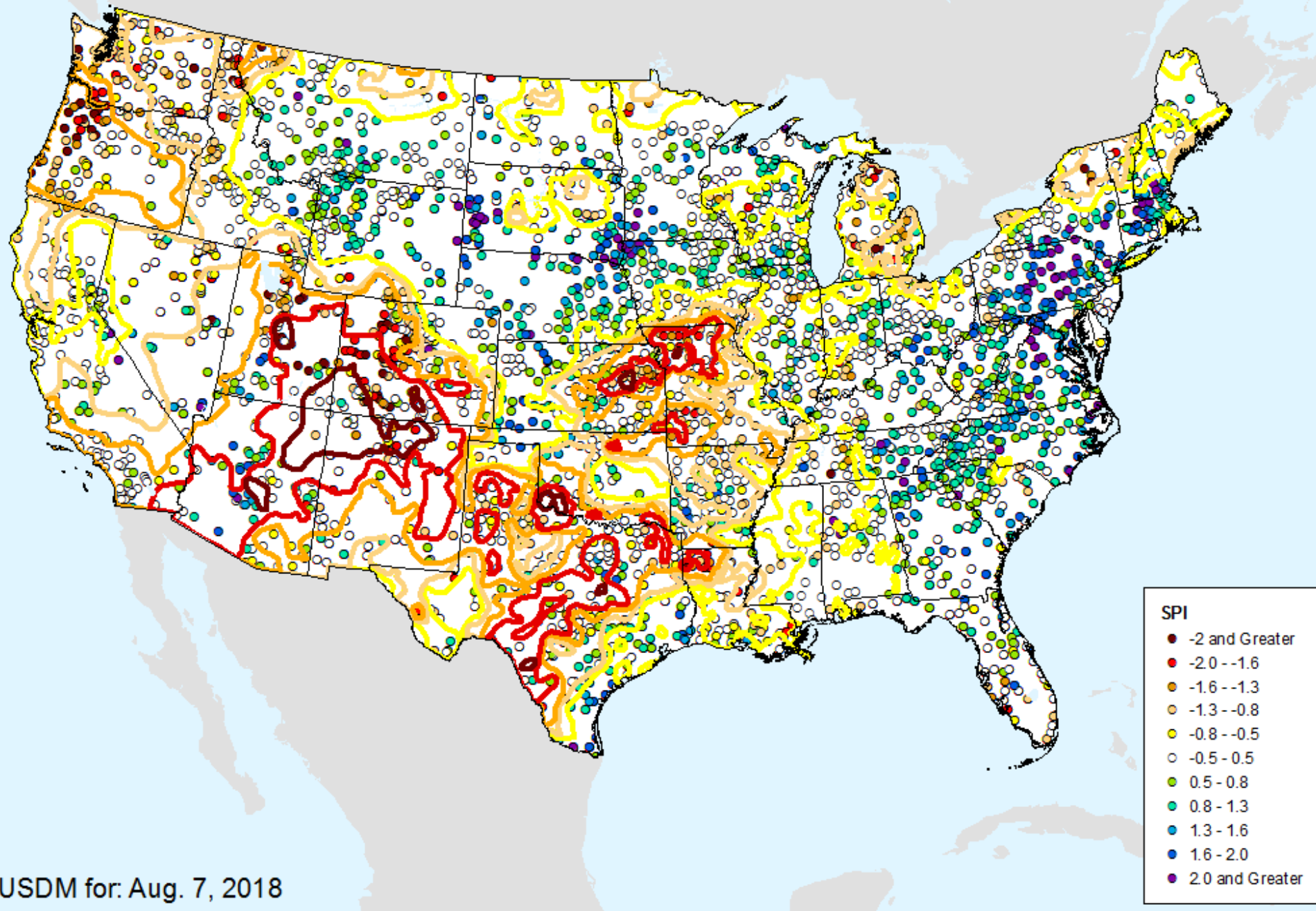
HPRCC 1-month SPI

As of: Tuesday, August 14, 2018



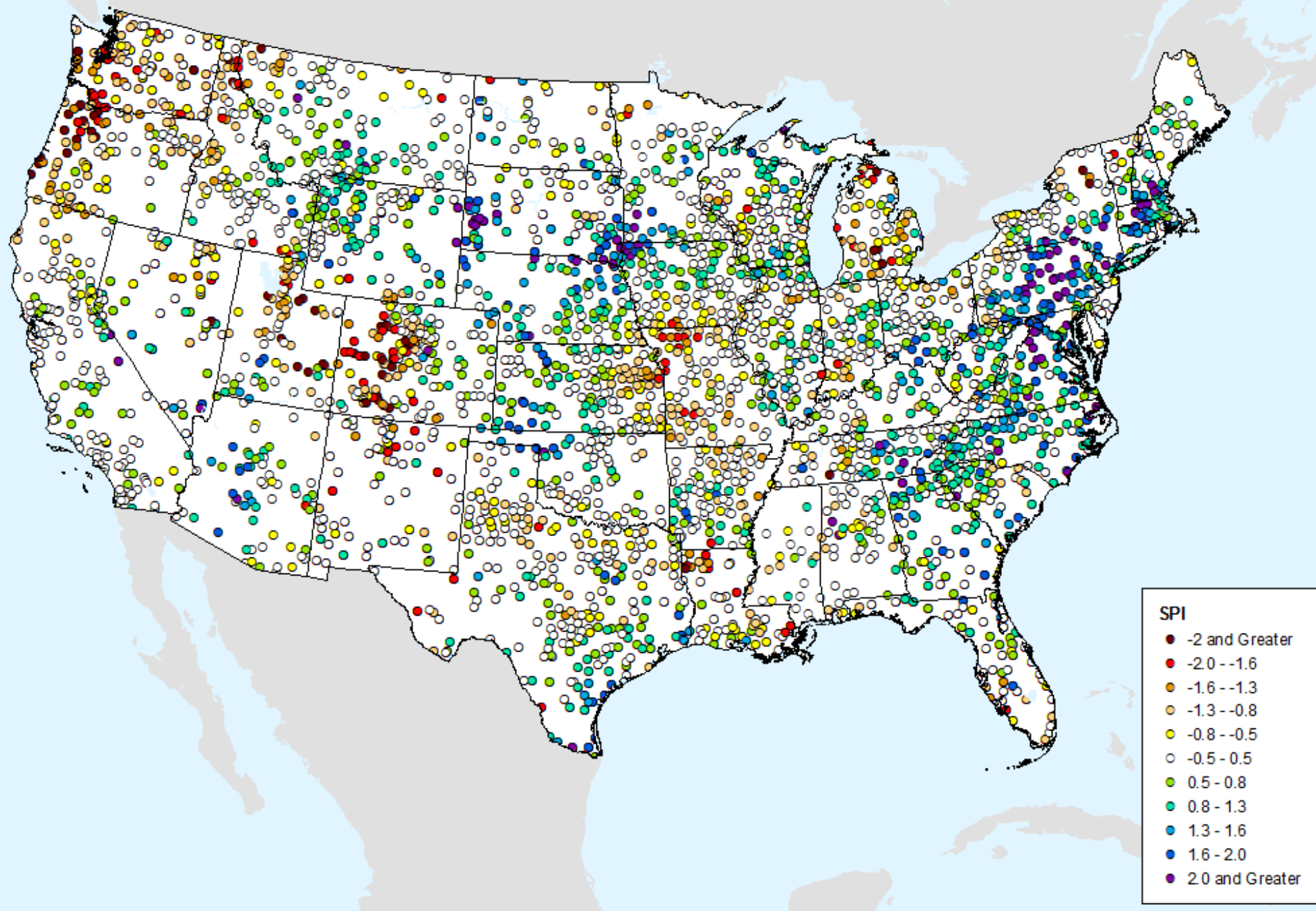
HPRCC 2-month SPI

As of: Tuesday, August 14, 2018



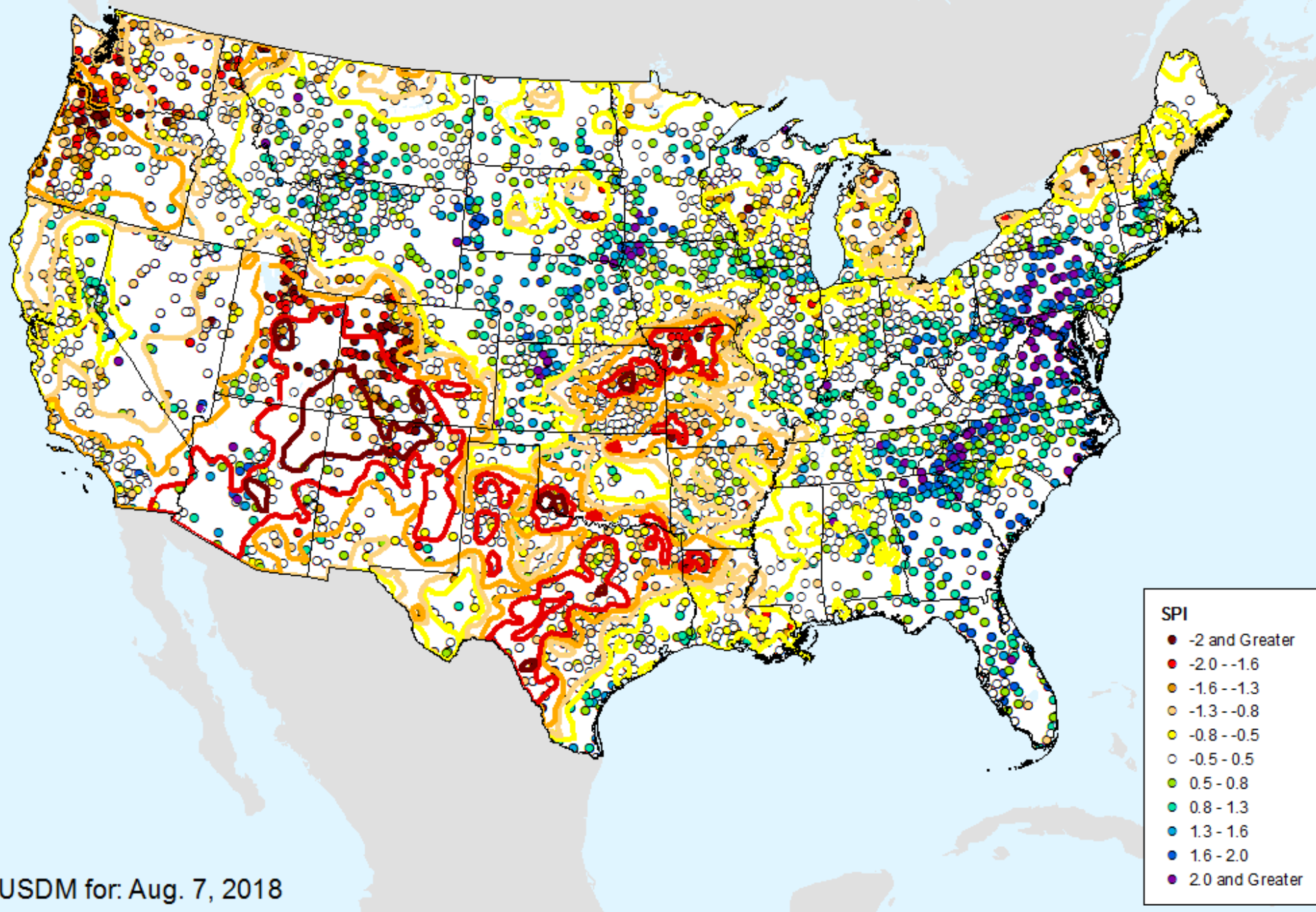
HPRCC 2-month SPI

As of: Tuesday, August 14, 2018



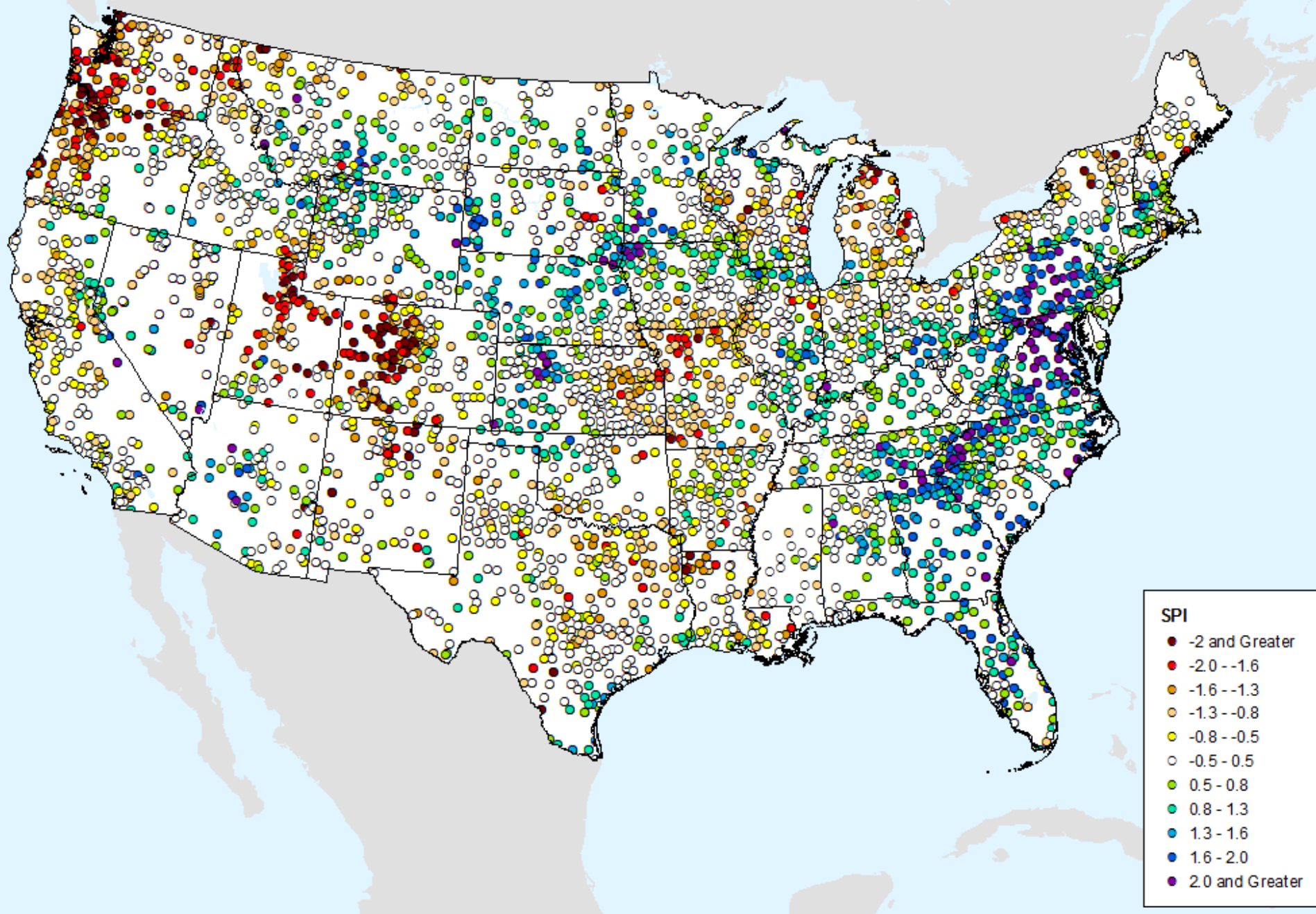
HPRCC 3-month SPI

As of: Tuesday, August 14, 2018



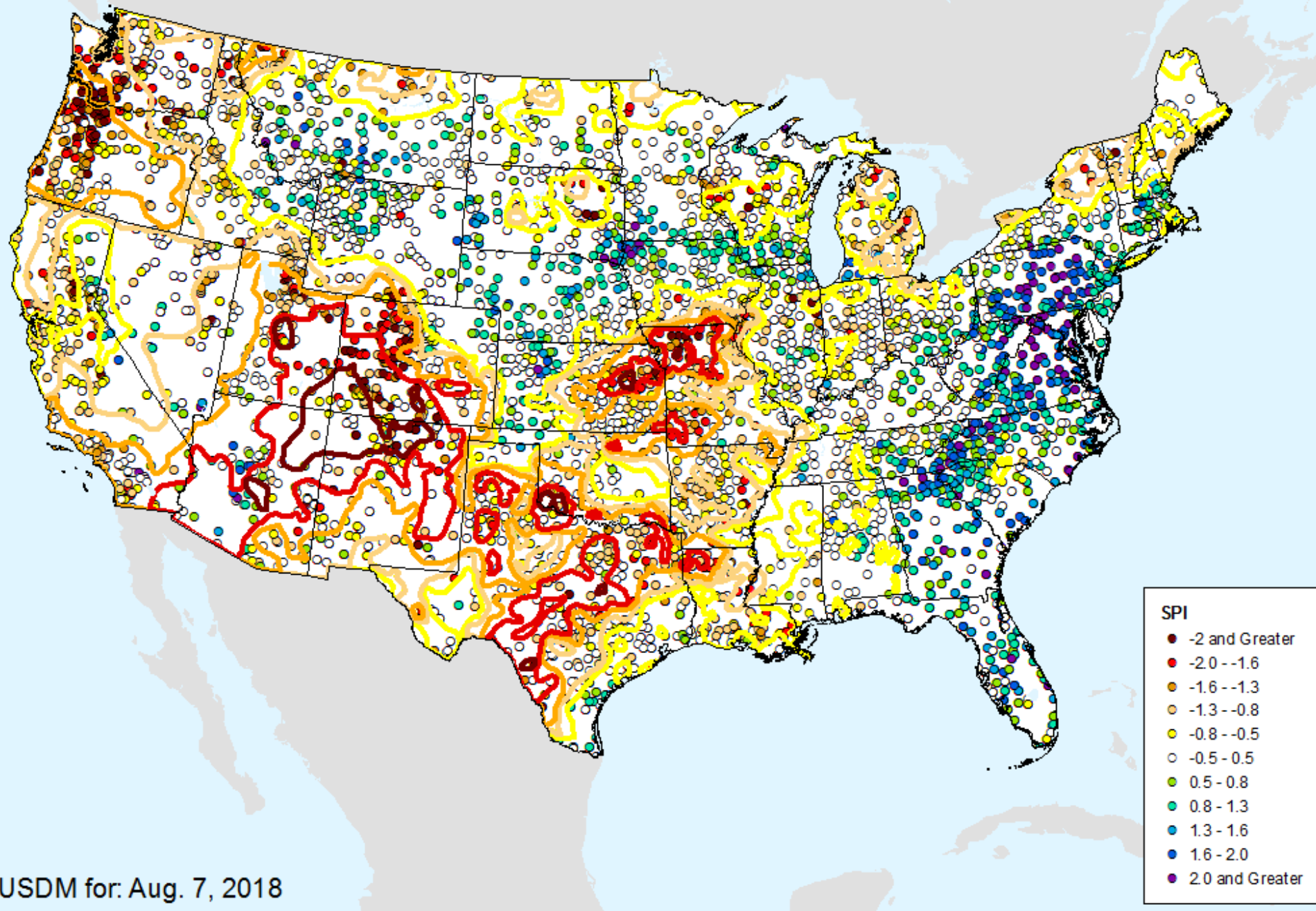
HPRCC 3-month SPI

As of: Tuesday, August 14, 2018



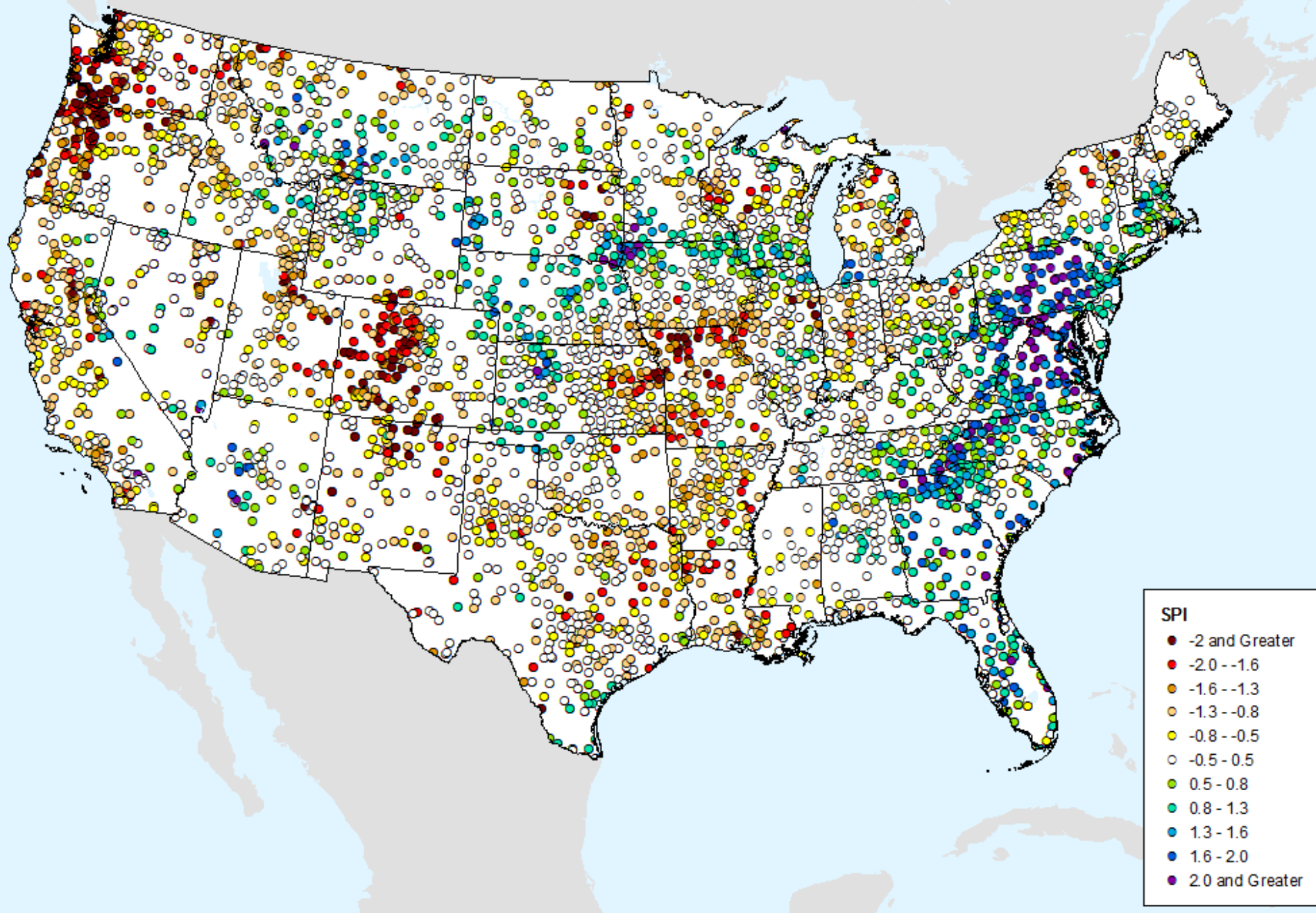
HPRCC 4-month SPI

As of: Tuesday, August 14, 2018



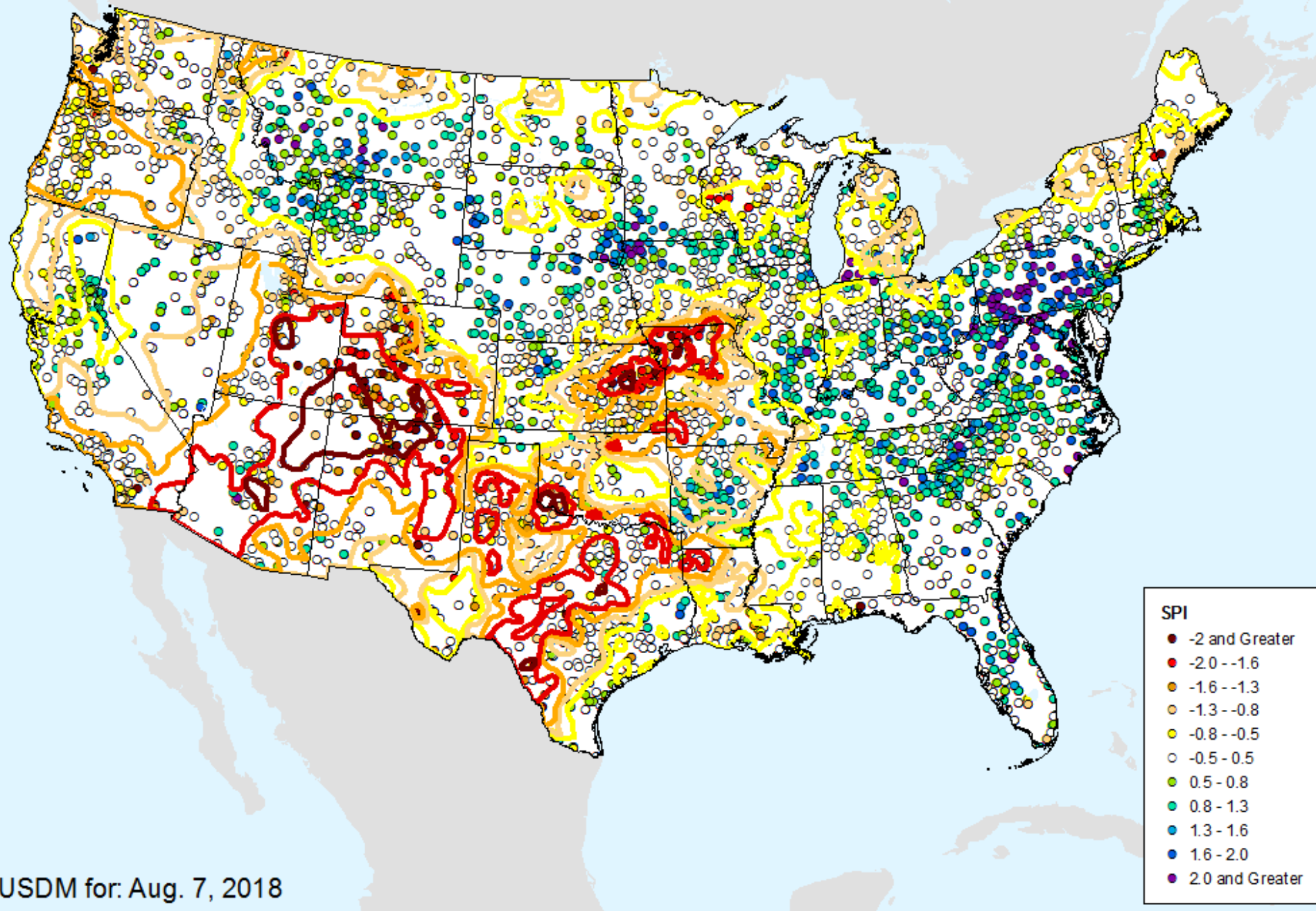
HPRCC 4-month SPI

As of: Tuesday, August 14, 2018



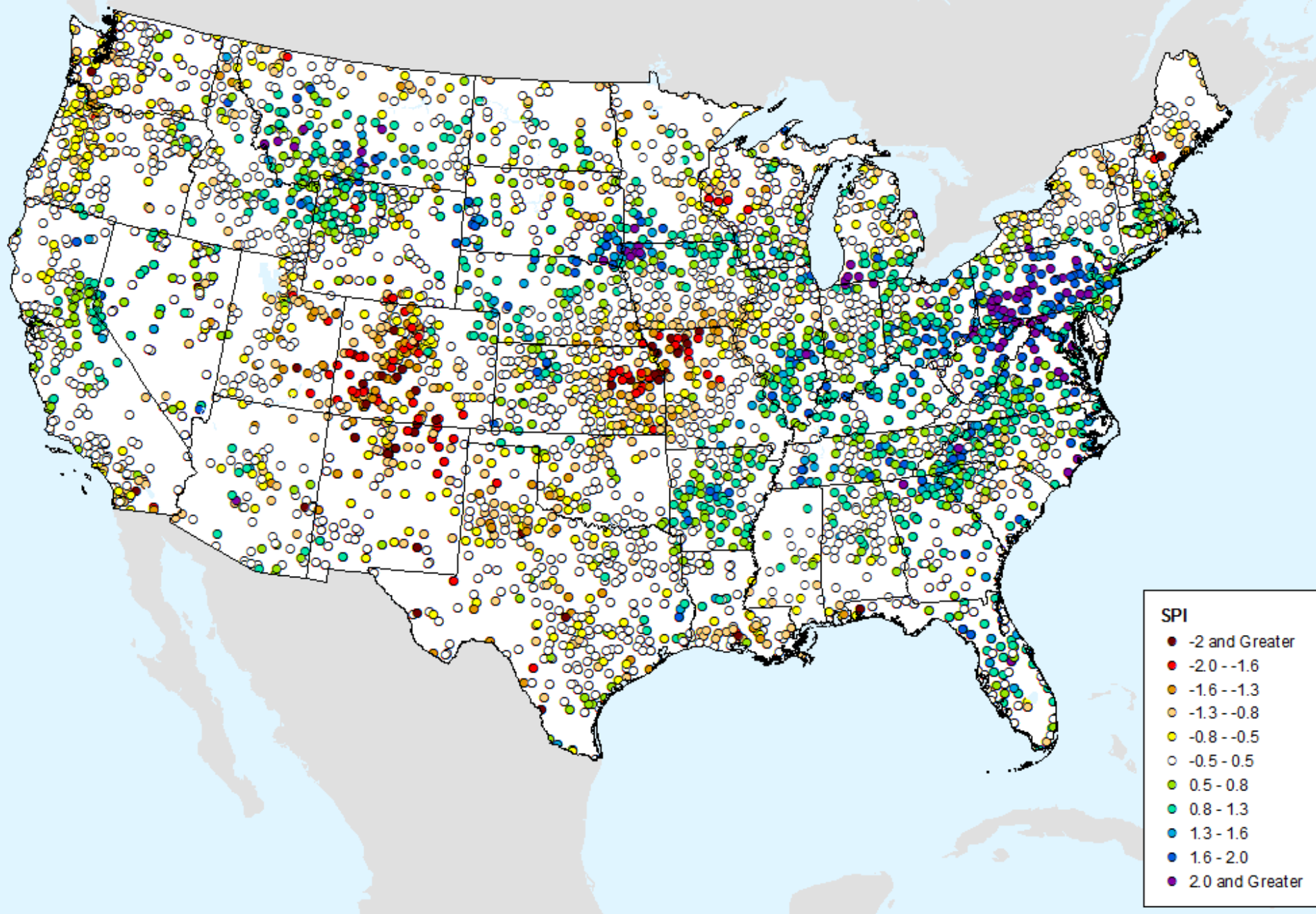
HPRCC 6-month SPI

As of: Tuesday, August 14, 2018



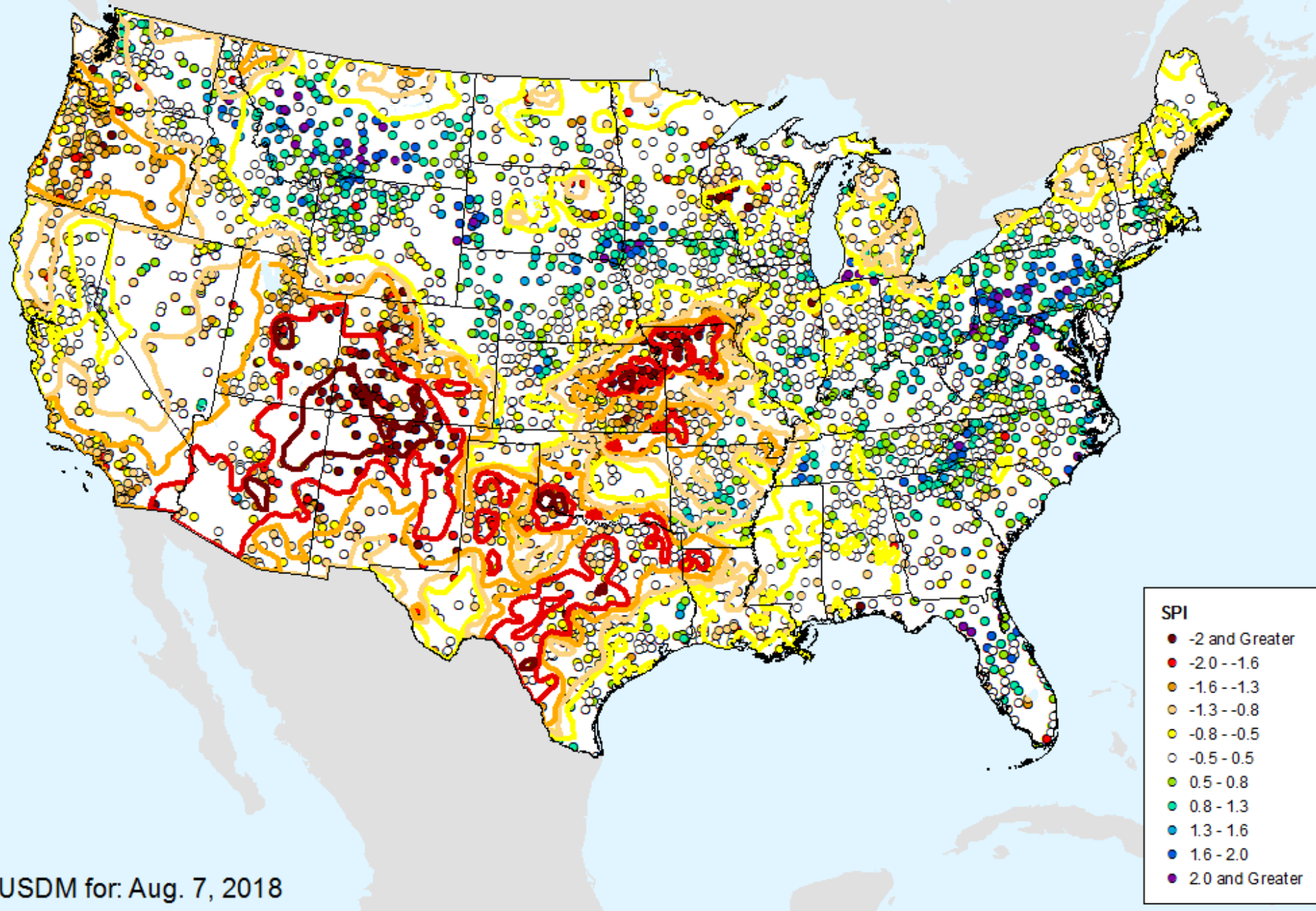
HPRCC 6-month SPI

As of: Tuesday, August 14, 2018



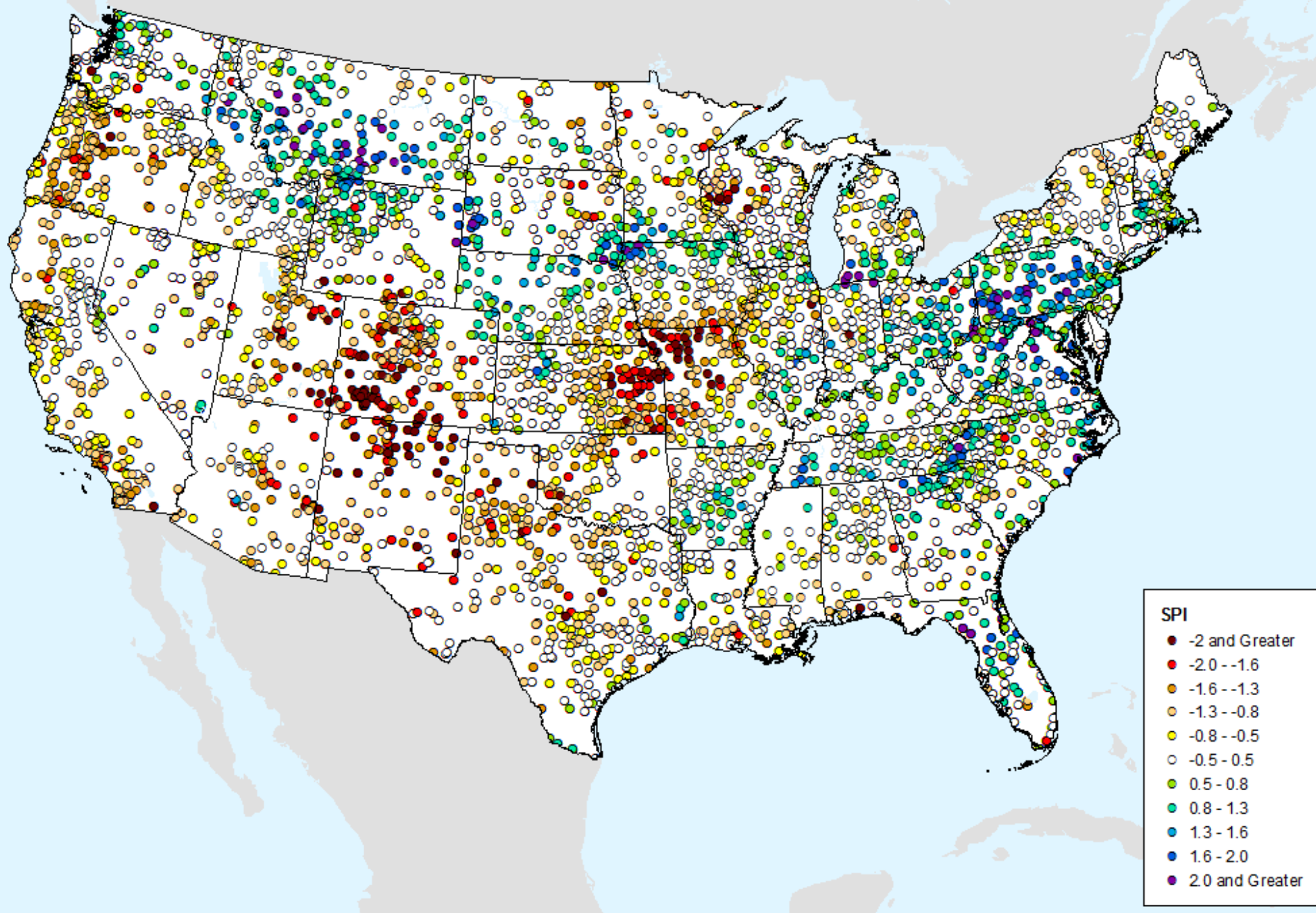
HPRCC 9-month SPI

As of: Tuesday, August 14, 2018



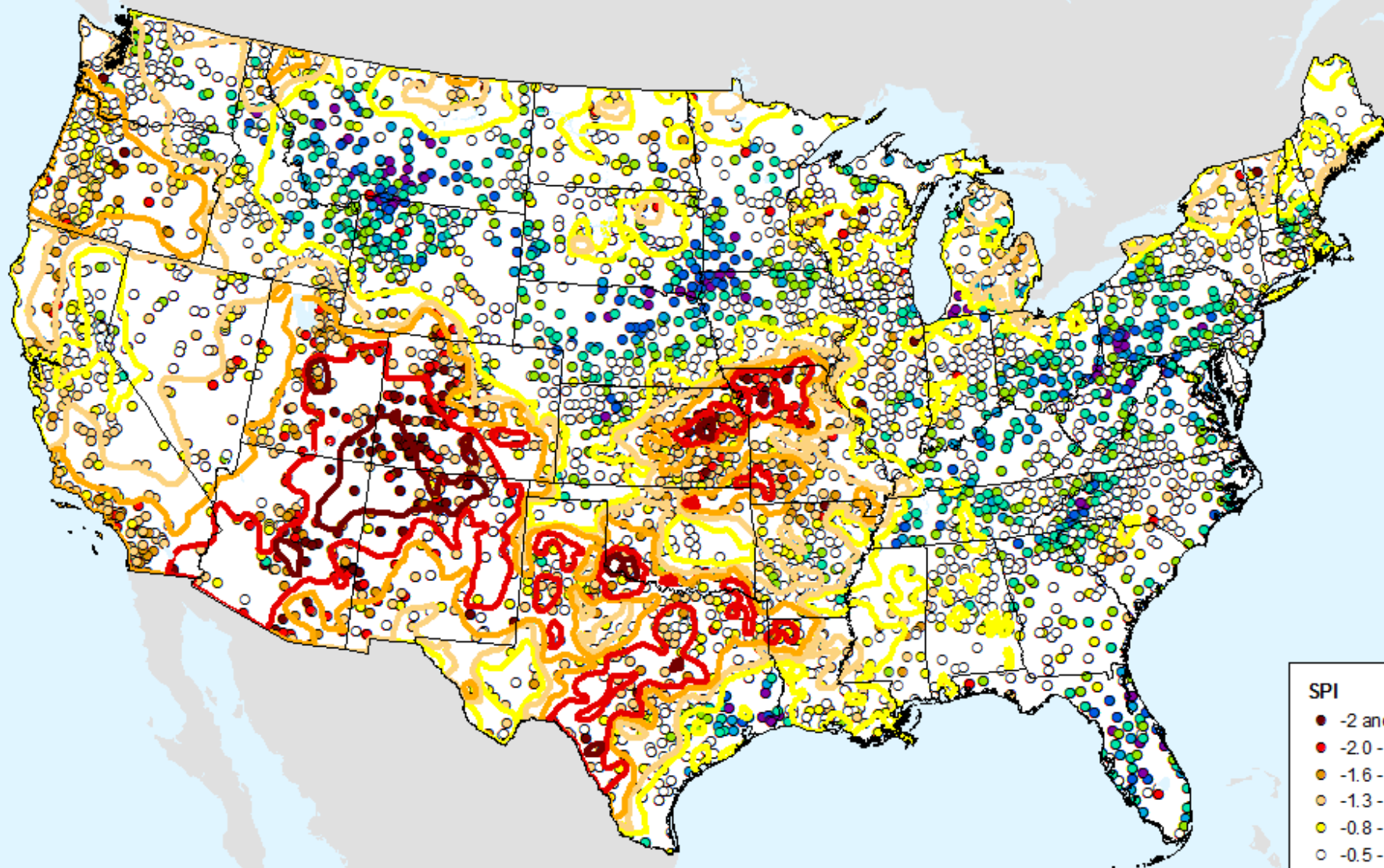
HPRCC 9-month SPI

As of: Tuesday, August 14, 2018



HPRCC 12-month SPI

As of: Tuesday, August 14, 2018



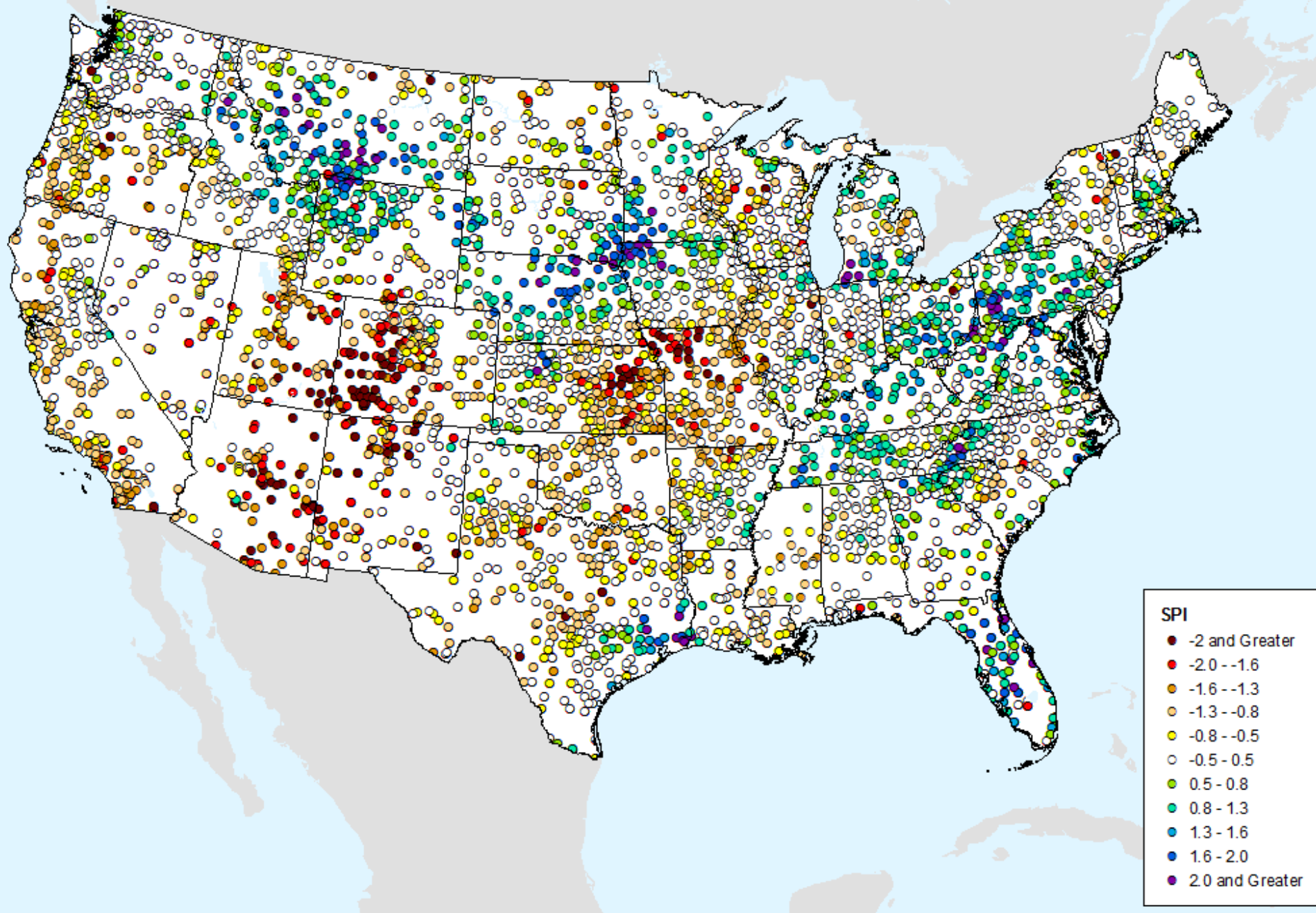
SPI

- -2 and Greater
- -2.0 -- -1.6
- -1.6 -- -1.3
- -1.3 -- -0.8
- -0.8 -- -0.5
- -0.5 -- 0.5
- 0.5 -- 0.8
- 0.8 -- 1.3
- 1.3 -- 1.6
- 1.6 -- 2.0
- 2.0 and Greater

USDM for: Aug. 7, 2018

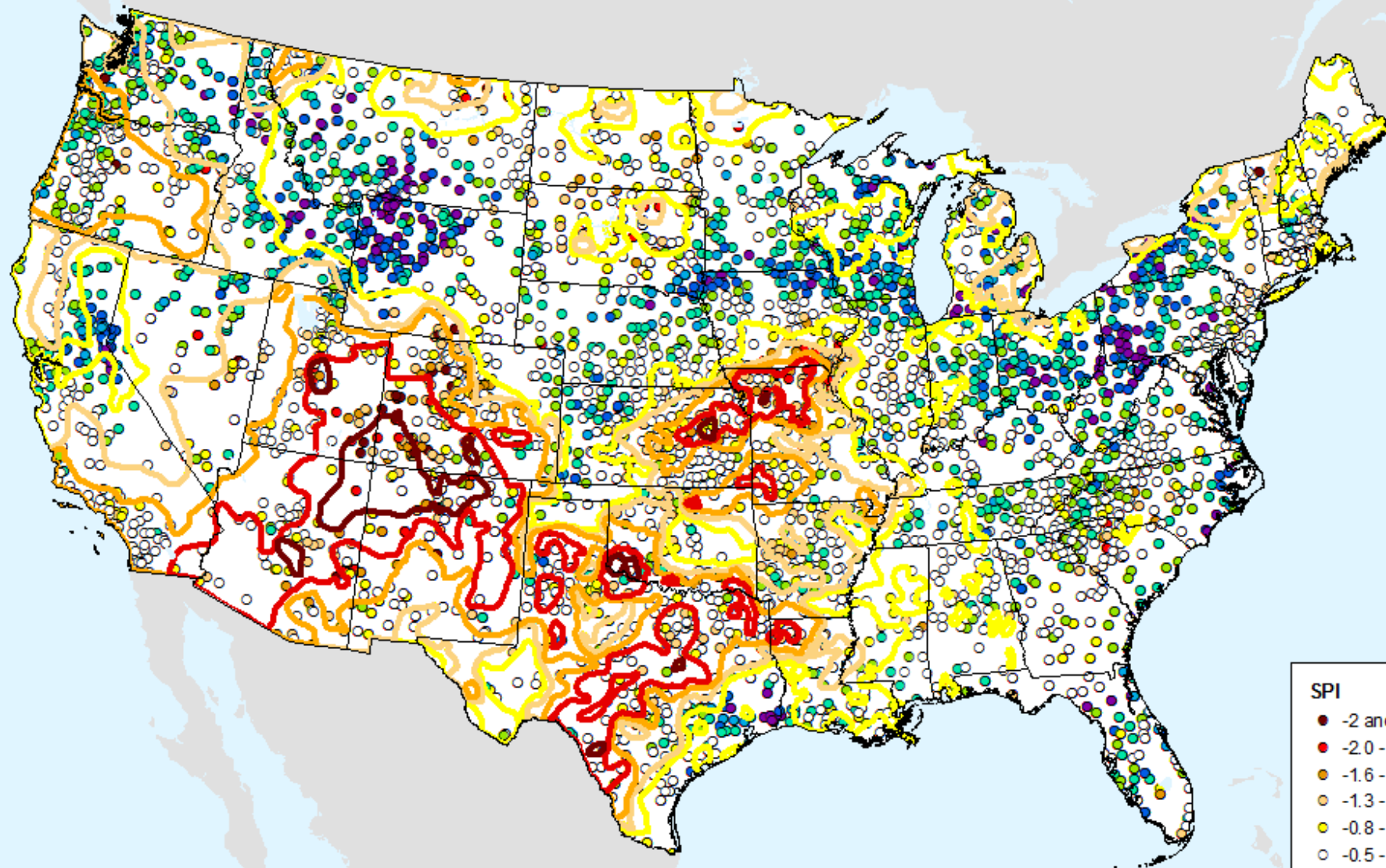
HPRCC 12-month SPI

As of: Tuesday, August 14, 2018



HPRCC 24-month SPI

As of: Tuesday, August 14, 2018



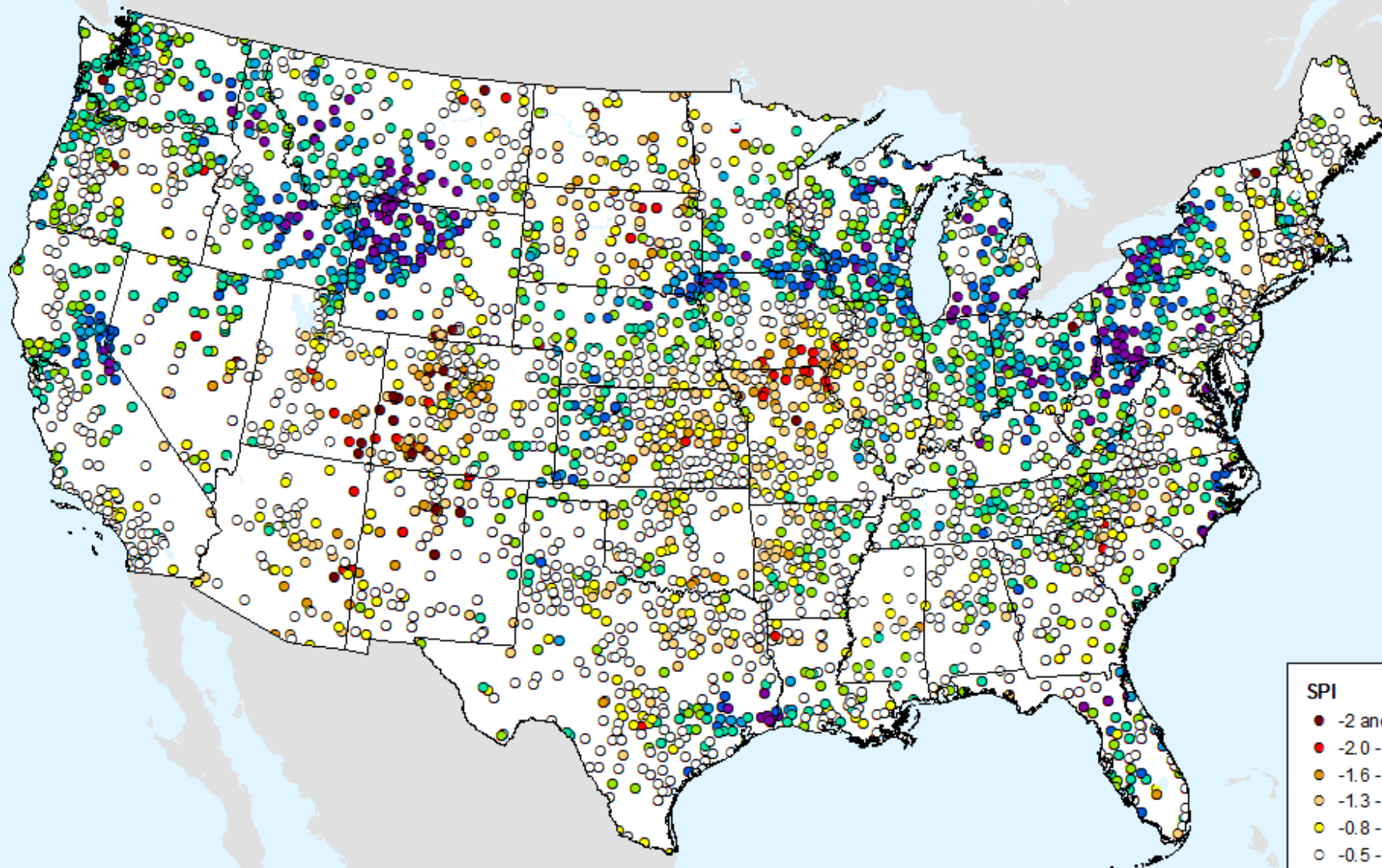
SPI

- -2 and Greater
- -2.0 -- -1.6
- -1.6 -- -1.3
- -1.3 -- -0.8
- -0.8 -- -0.5
- -0.5 -- 0.5
- 0.5 -- 0.8
- 0.8 -- 1.3
- 1.3 -- 1.6
- 1.6 -- 2.0
- 2.0 and Greater

USDM for: Aug. 7, 2018

HPRCC 24-month SPI

As of: Tuesday, August 14, 2018

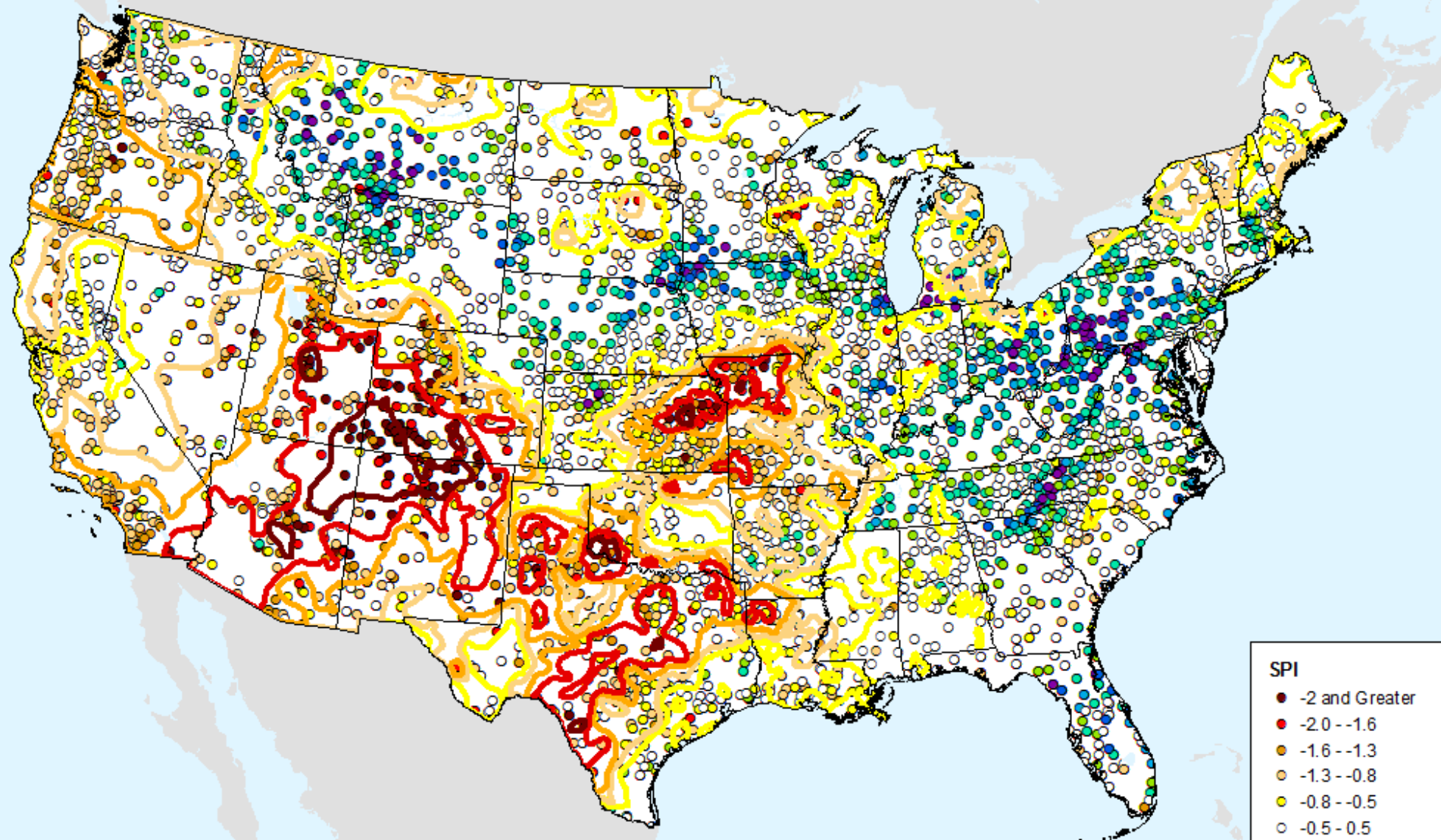


SPI

- -2 and Greater
- -2.0 -- -1.6
- -1.6 -- -1.3
- -1.3 -- -0.8
- -0.8 -- -0.5
- -0.5 - 0.5
- 0.5 - 0.8
- 0.8 - 1.3
- 1.3 - 1.6
- 1.6 - 2.0
- 2.0 and Greater

HPRCC Water Year-to-date SPI

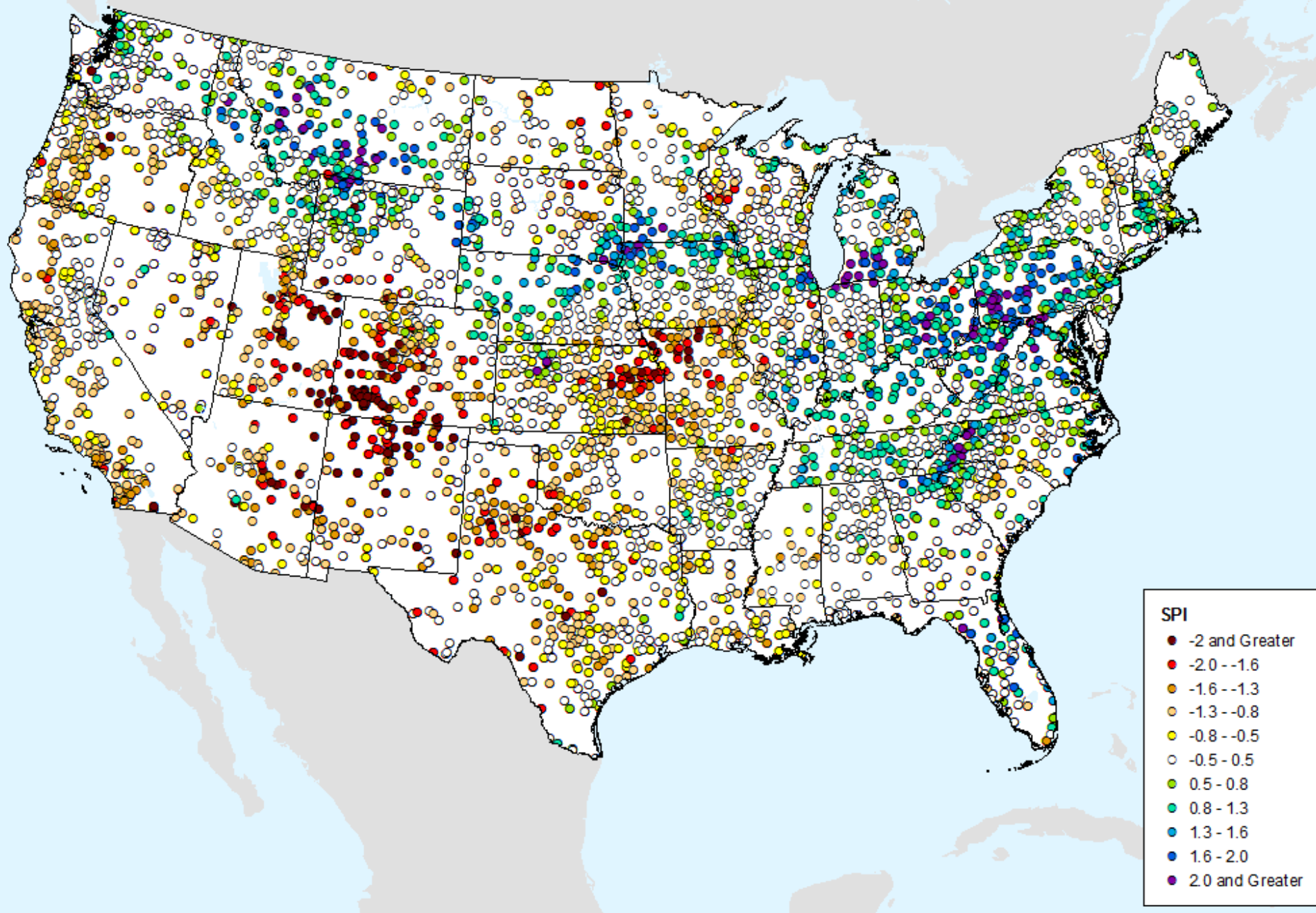
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

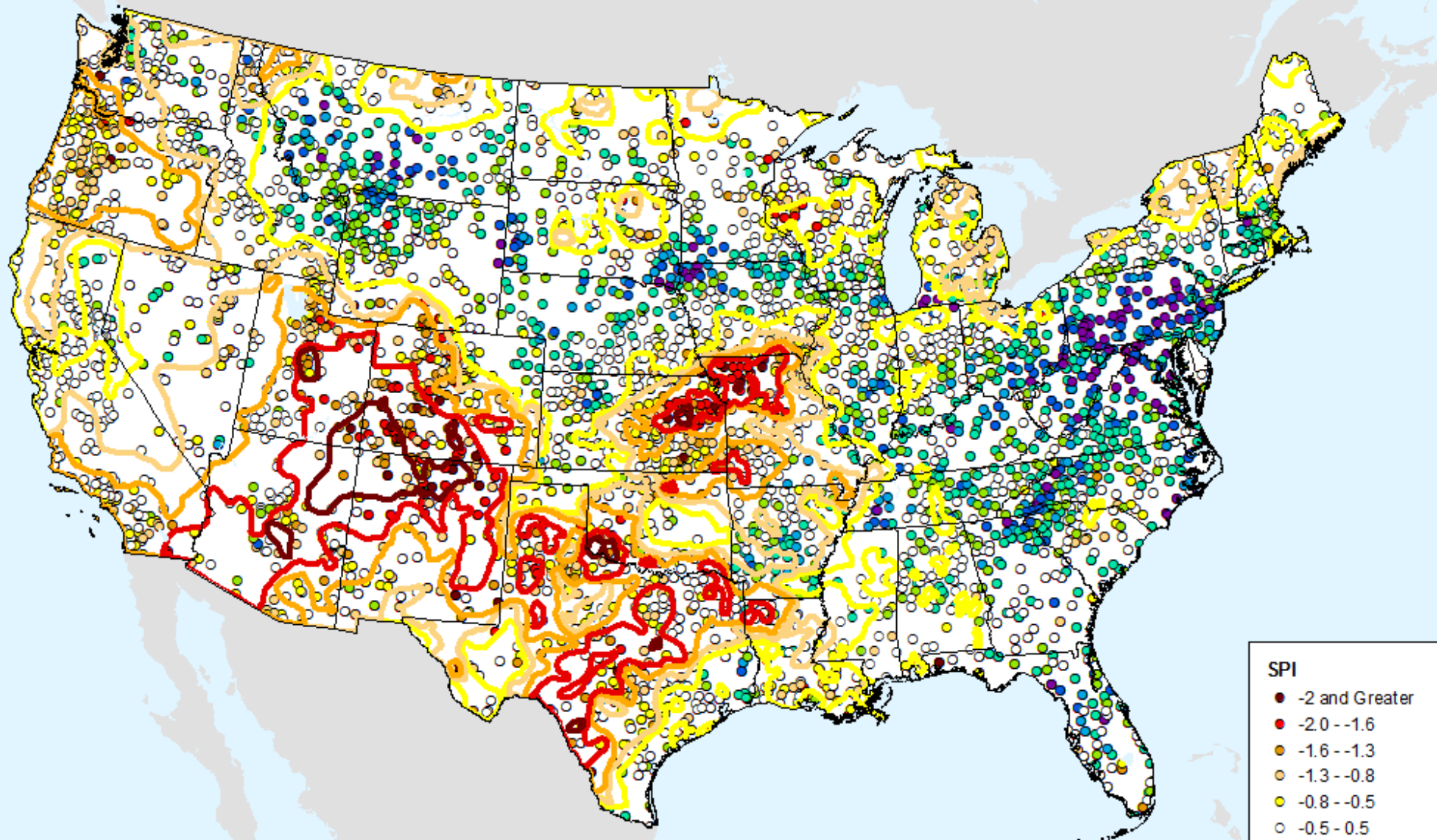
HPRCC Water Year-to-date SPI

As of: Tuesday, August 14, 2018



HPRCC Year-to-date SPI

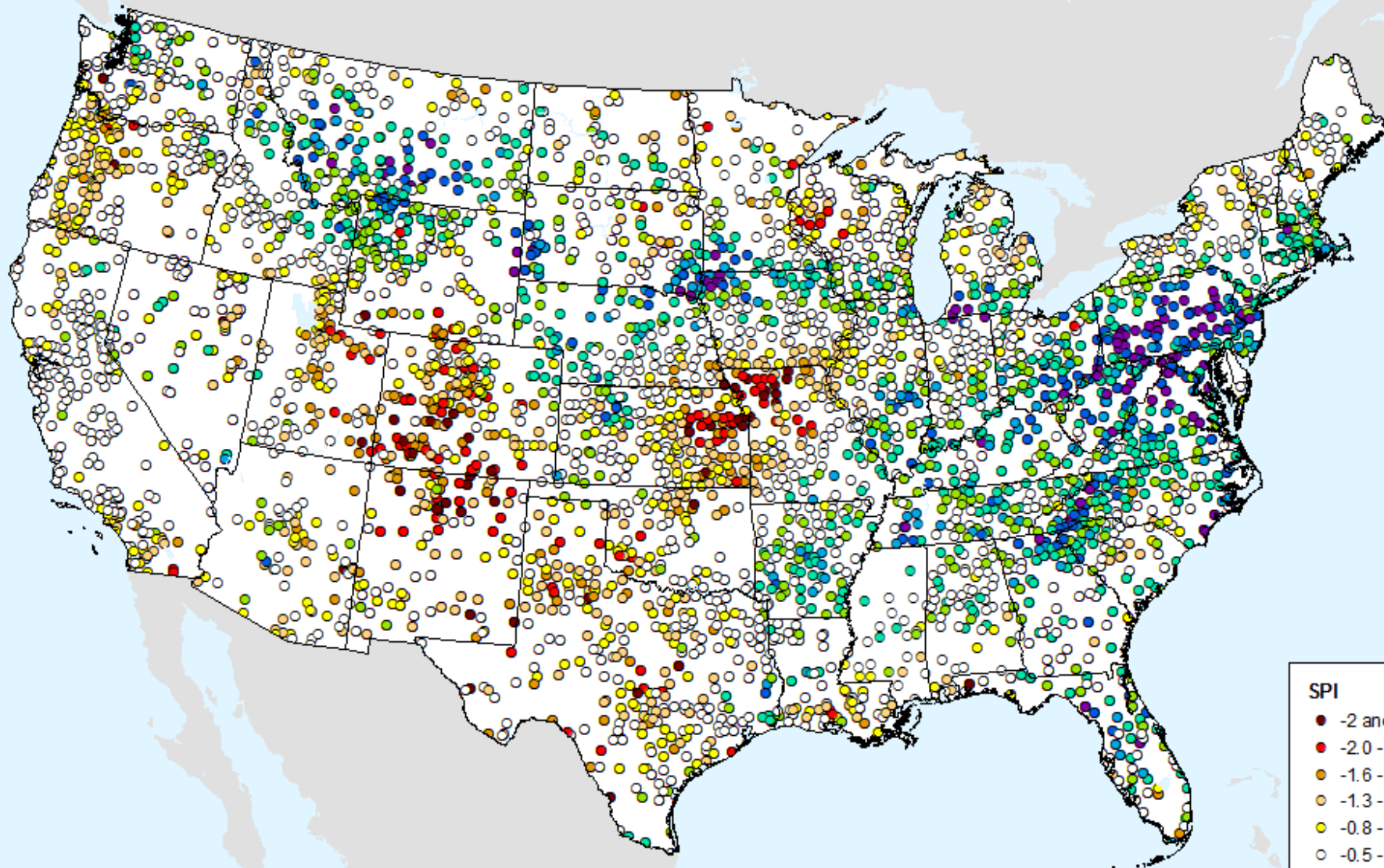
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

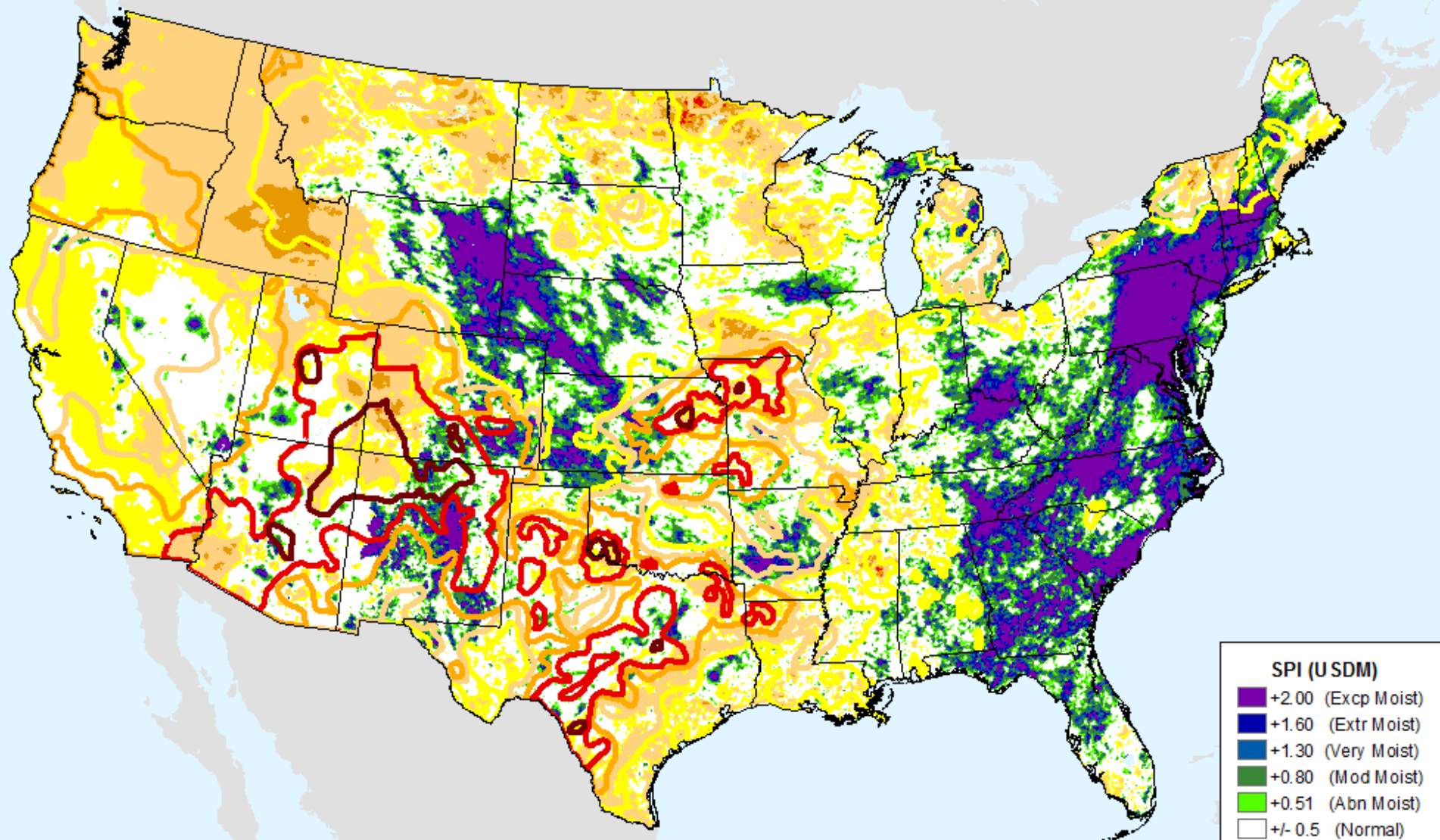
HPRCC Year-to-date SPI

As of: Tuesday, August 14, 2018



AHPS 1-month SPI

As of: Tuesday, August 14, 2018

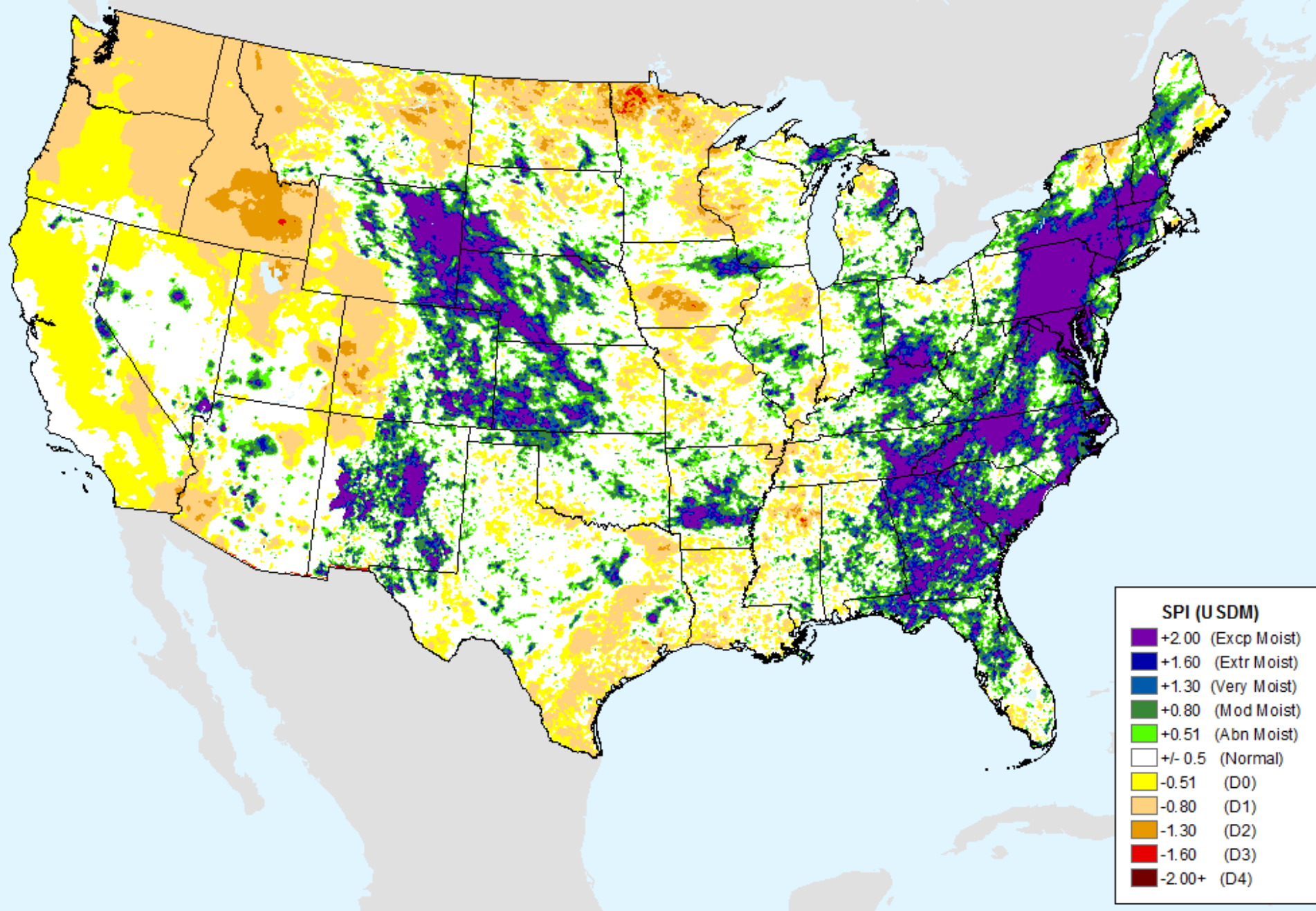


SPI (USDM)	
+	
+2.00	(Excp Moist)
+1.60	(Extr Moist)
+1.30	(Very Moist)
+0.80	(Mod Moist)
+0.51	(Abn Moist)
+/- 0.5	(Normal)
-	
-0.51	(D0)
-0.80	(D1)
-1.30	(D2)
-1.60	(D3)
-2.00+	(D4)

USDM for: Aug. 7, 2018

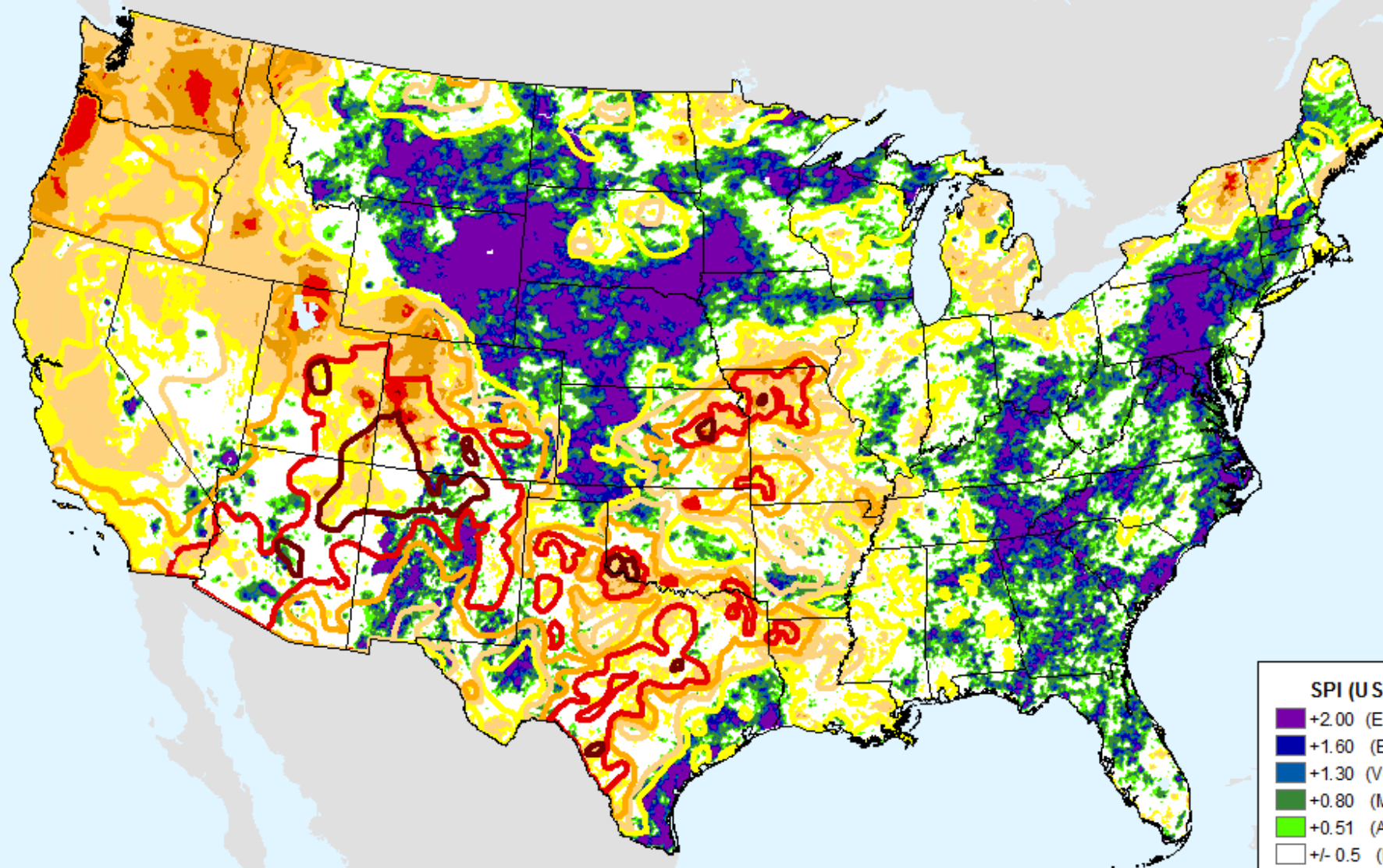
AHPS 1-month SPI

As of: Tuesday, August 14, 2018



AHPS 2-month SPI

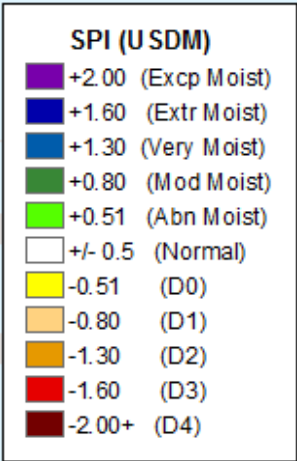
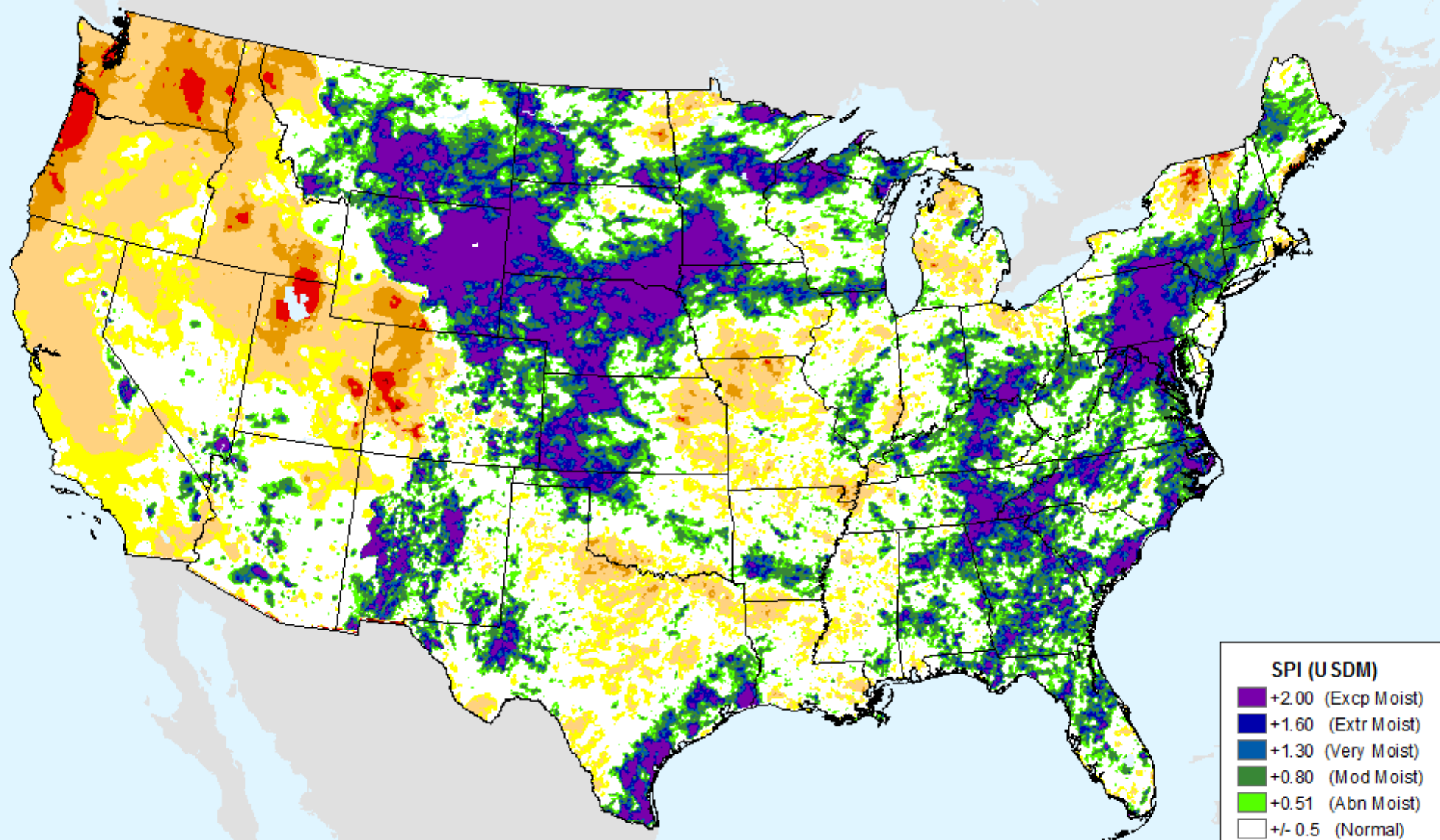
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

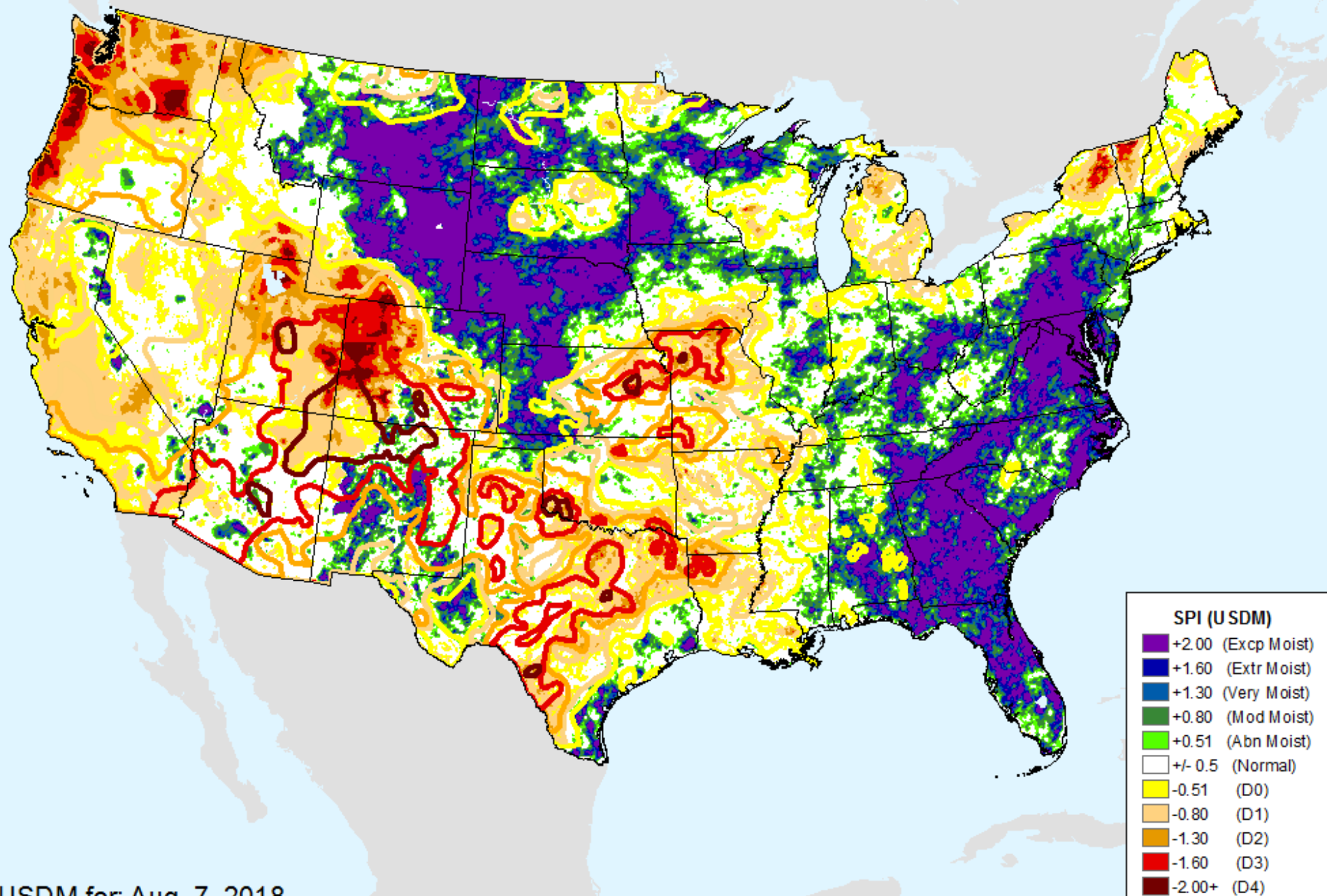
AHPS 2-month SPI

As of: Tuesday, August 14, 2018



AHPS 3-month SPI

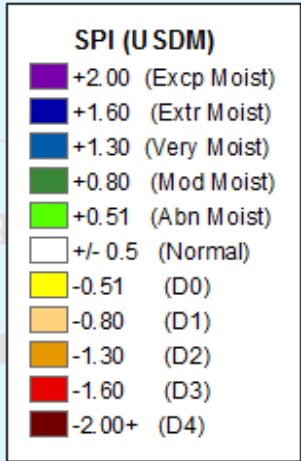
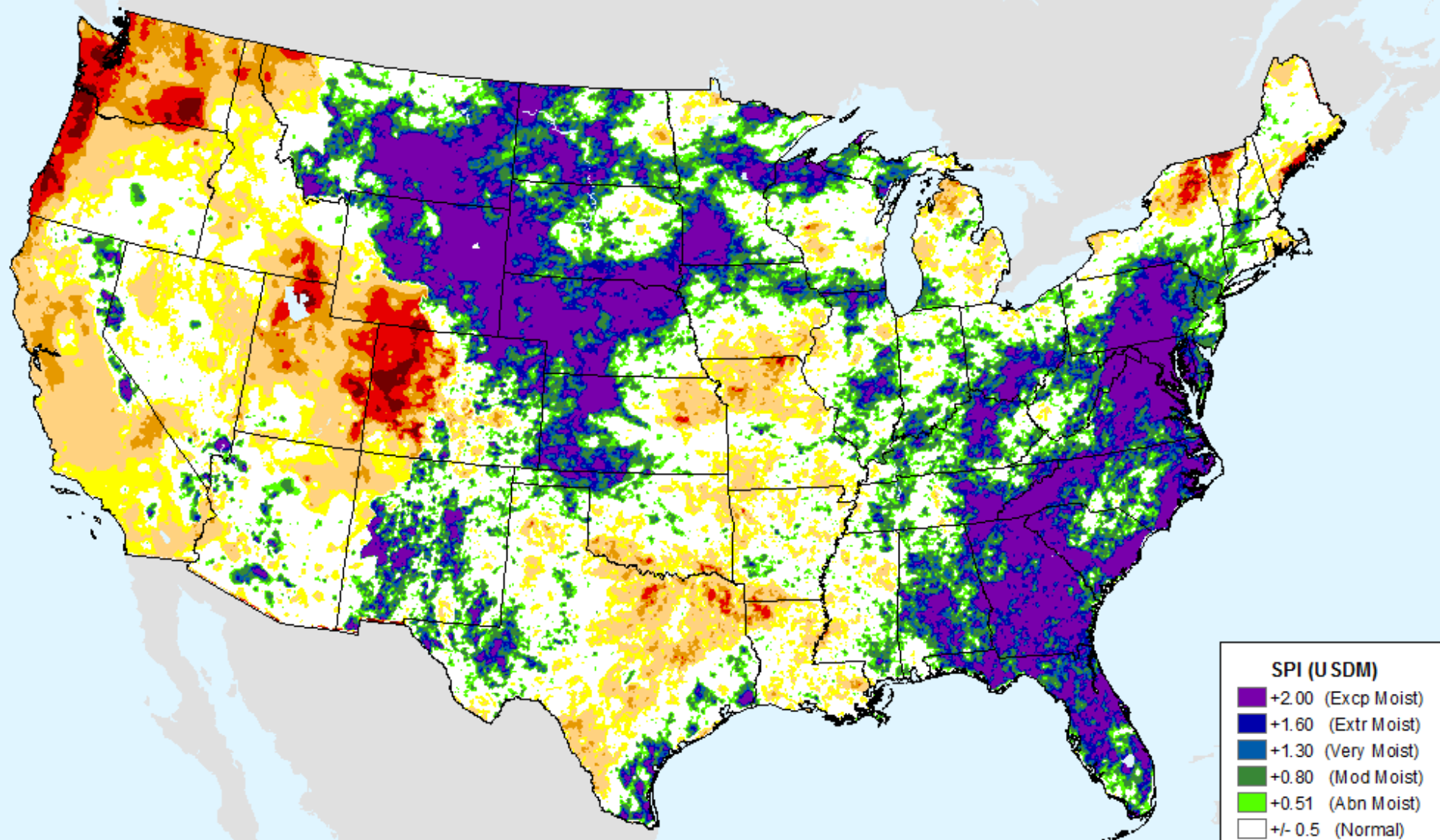
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

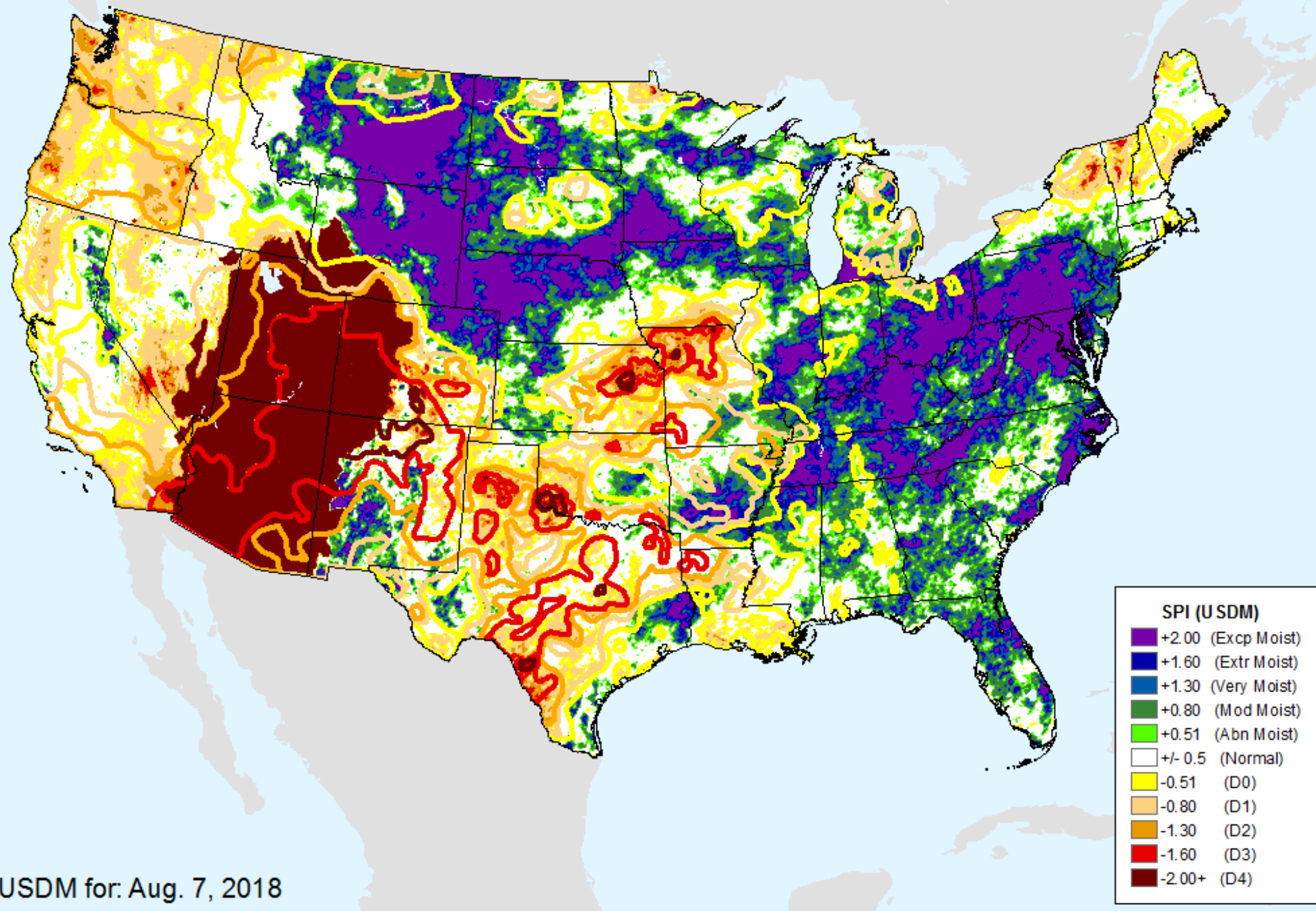
AHPS 3-month SPI

As of: Tuesday, August 14, 2018



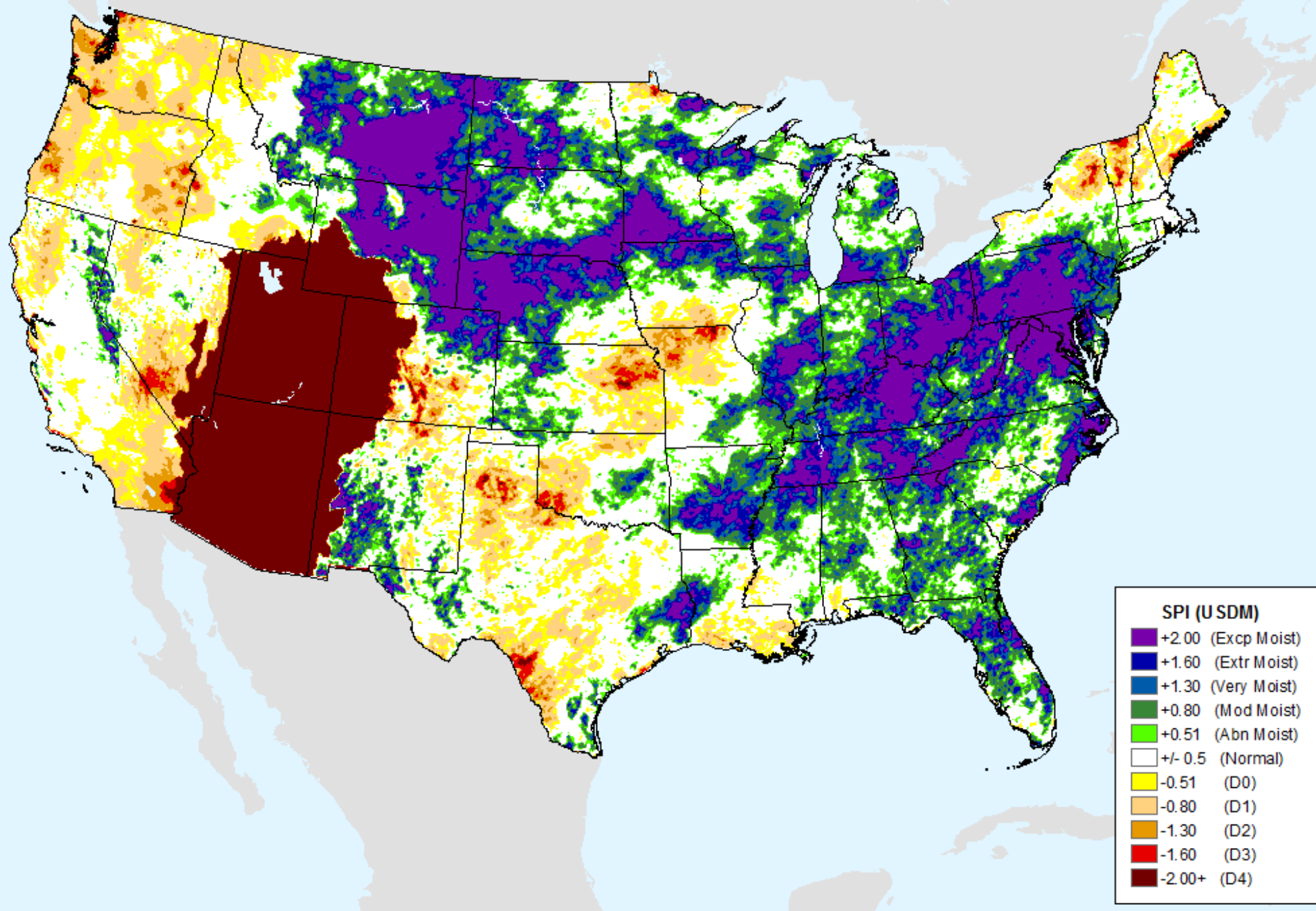
AHPS 6-month SPI

As of: Tuesday, August 14, 2018



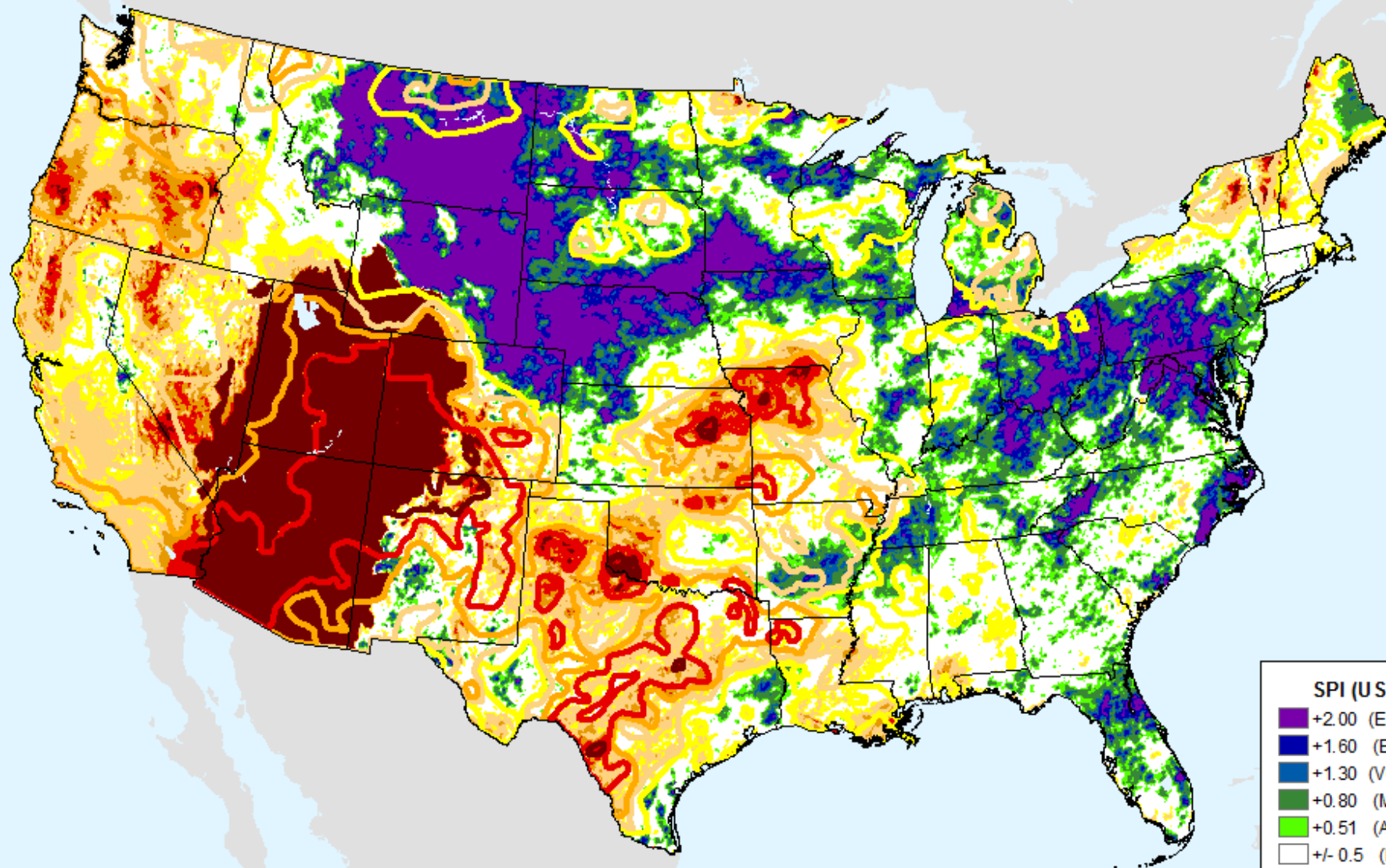
AHPS 6-month SPI

As of: Tuesday, August 14, 2018



AHPS 9-month SPI

As of: Tuesday, August 14, 2018



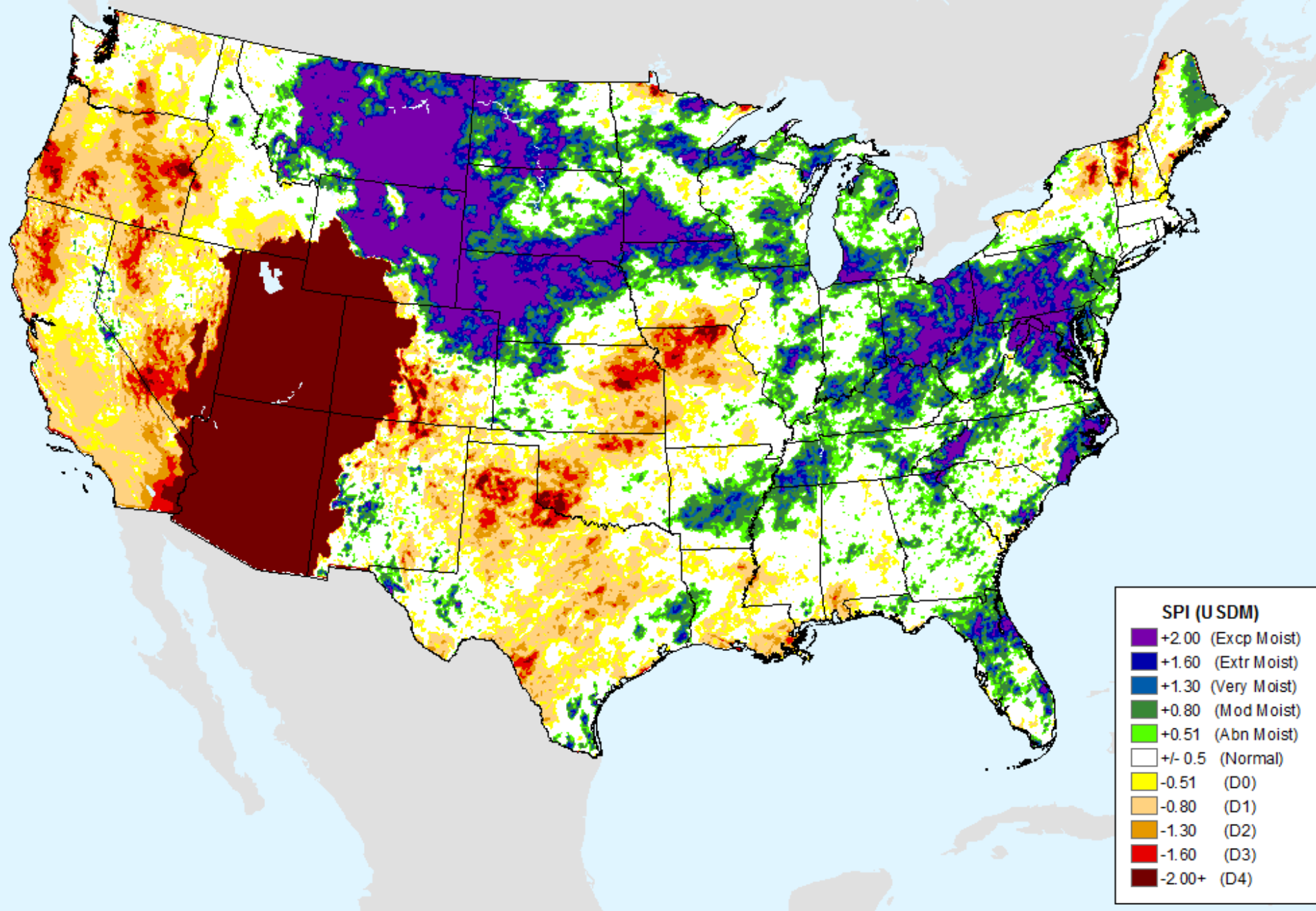
SPI (USDM)

Dark Blue	+2.00	(Excp Moist)
Blue	+1.60	(Extr Moist)
Dark Green	+1.30	(Very Moist)
Green	+0.80	(Mod Moist)
Light Green	+0.51	(Abn Moist)
White	+/- 0.5	(Normal)
Yellow	-0.51	(D0)
Orange	-0.80	(D1)
Dark Orange	-1.30	(D2)
Red	-1.60	(D3)
Dark Red	-2.00+	(D4)

USDM for: Aug. 7, 2018

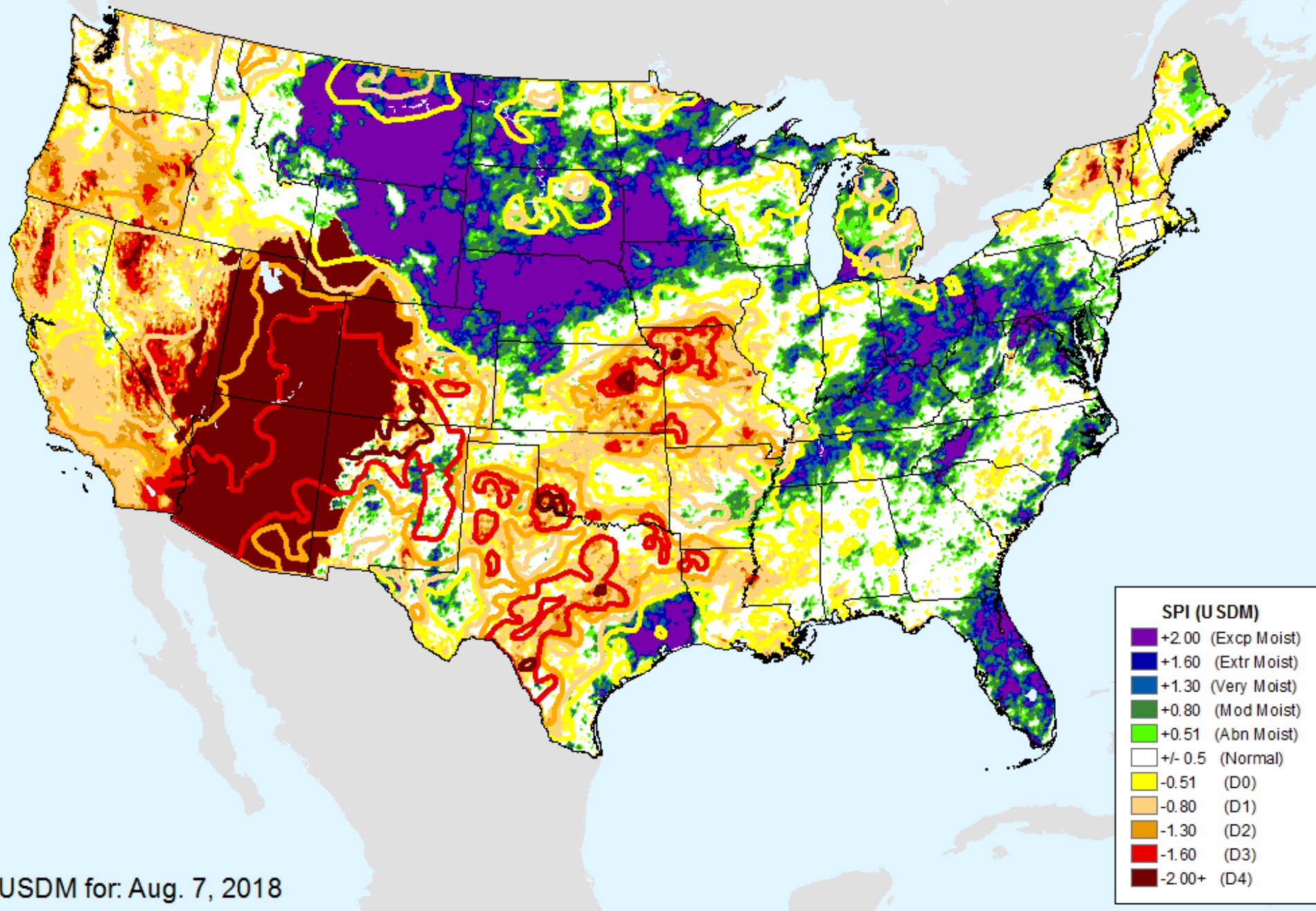
AHPS 9-month SPI

As of: Tuesday, August 14, 2018



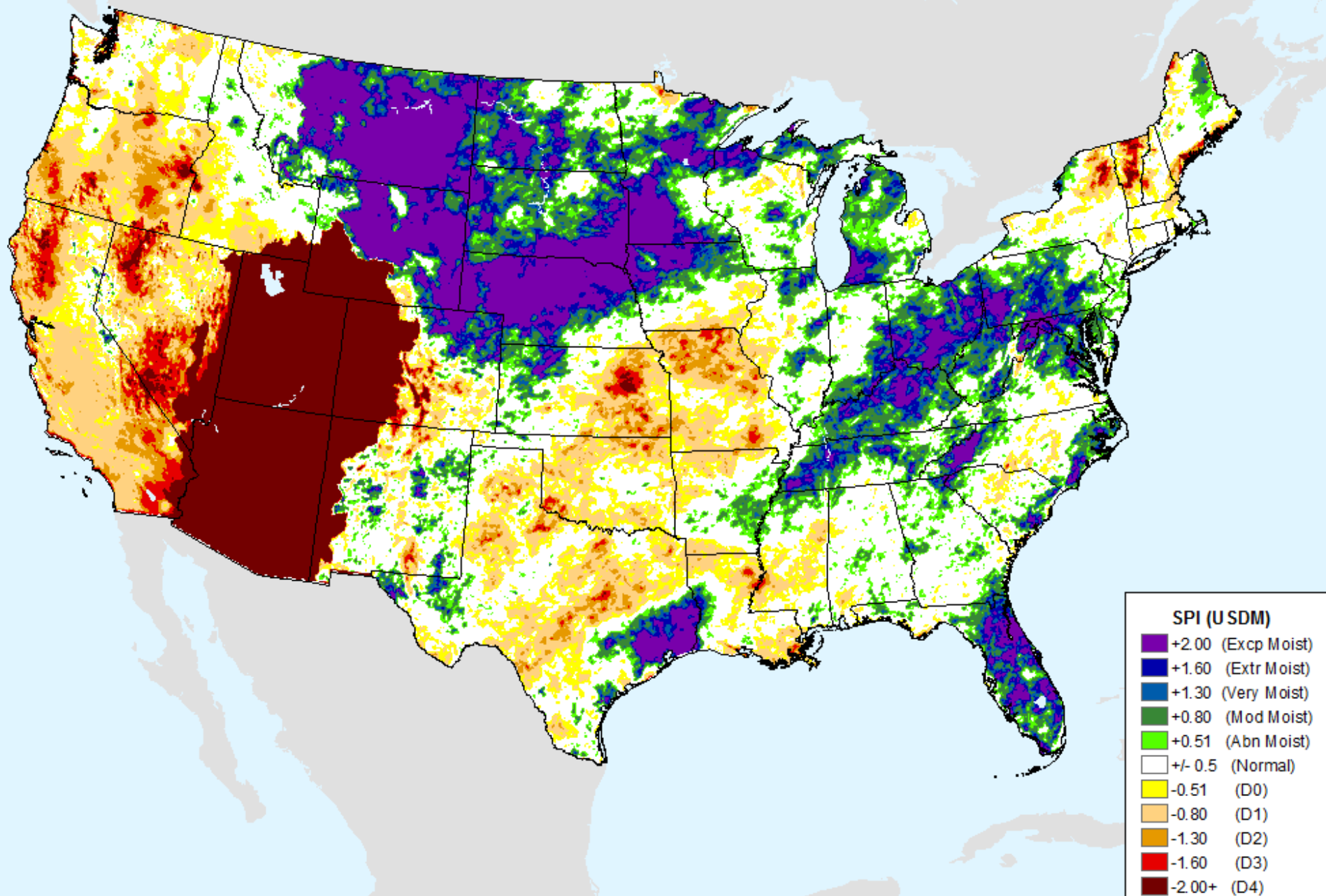
AHPS 12-month SPI

As of: Tuesday, August 14, 2018



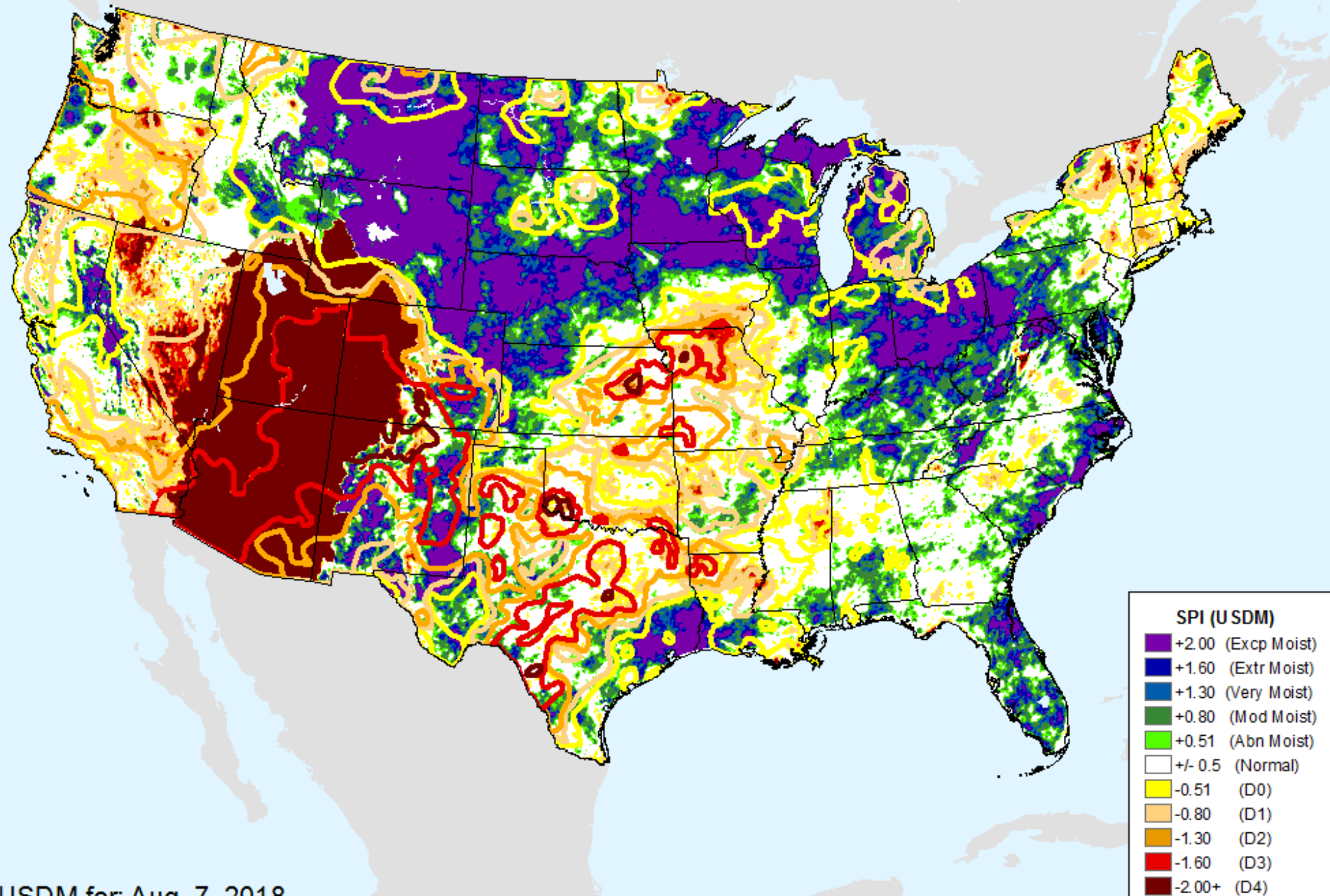
AHPS 12-month SPI

As of: Tuesday, August 14, 2018



AHPS 24-month SPI

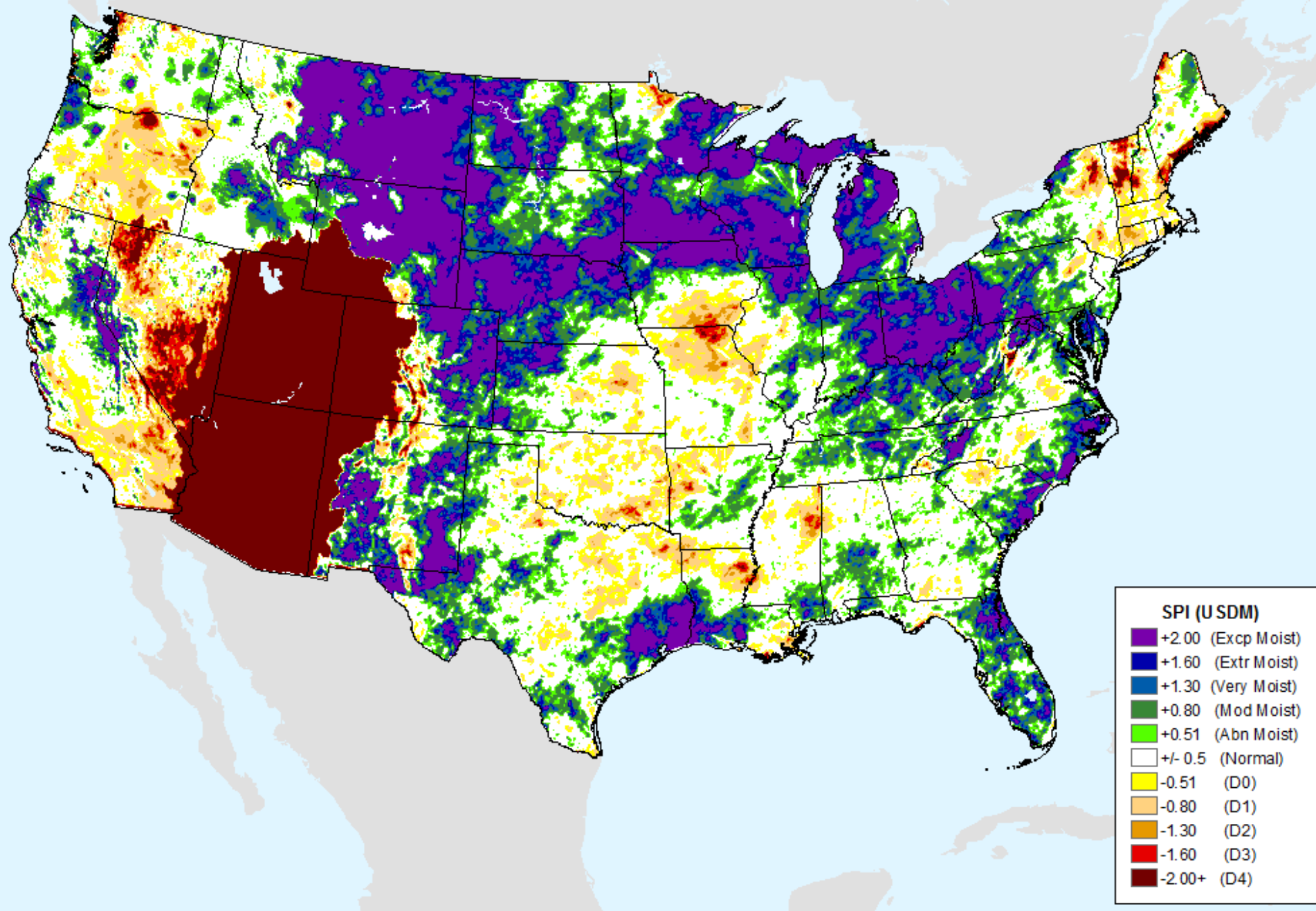
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

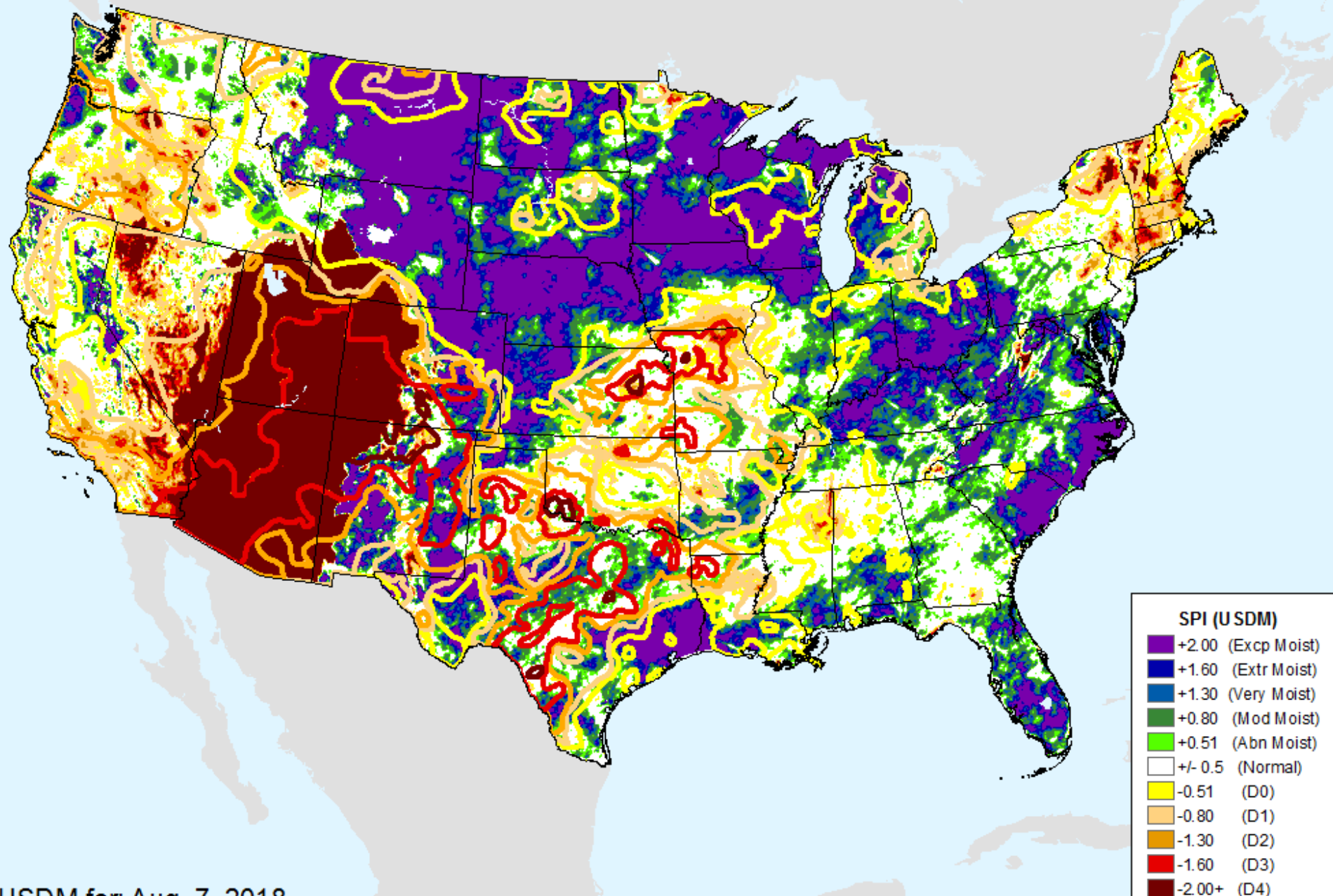
AHPS 24-month SPI

As of: Tuesday, August 14, 2018



AHPS 36-month SPI

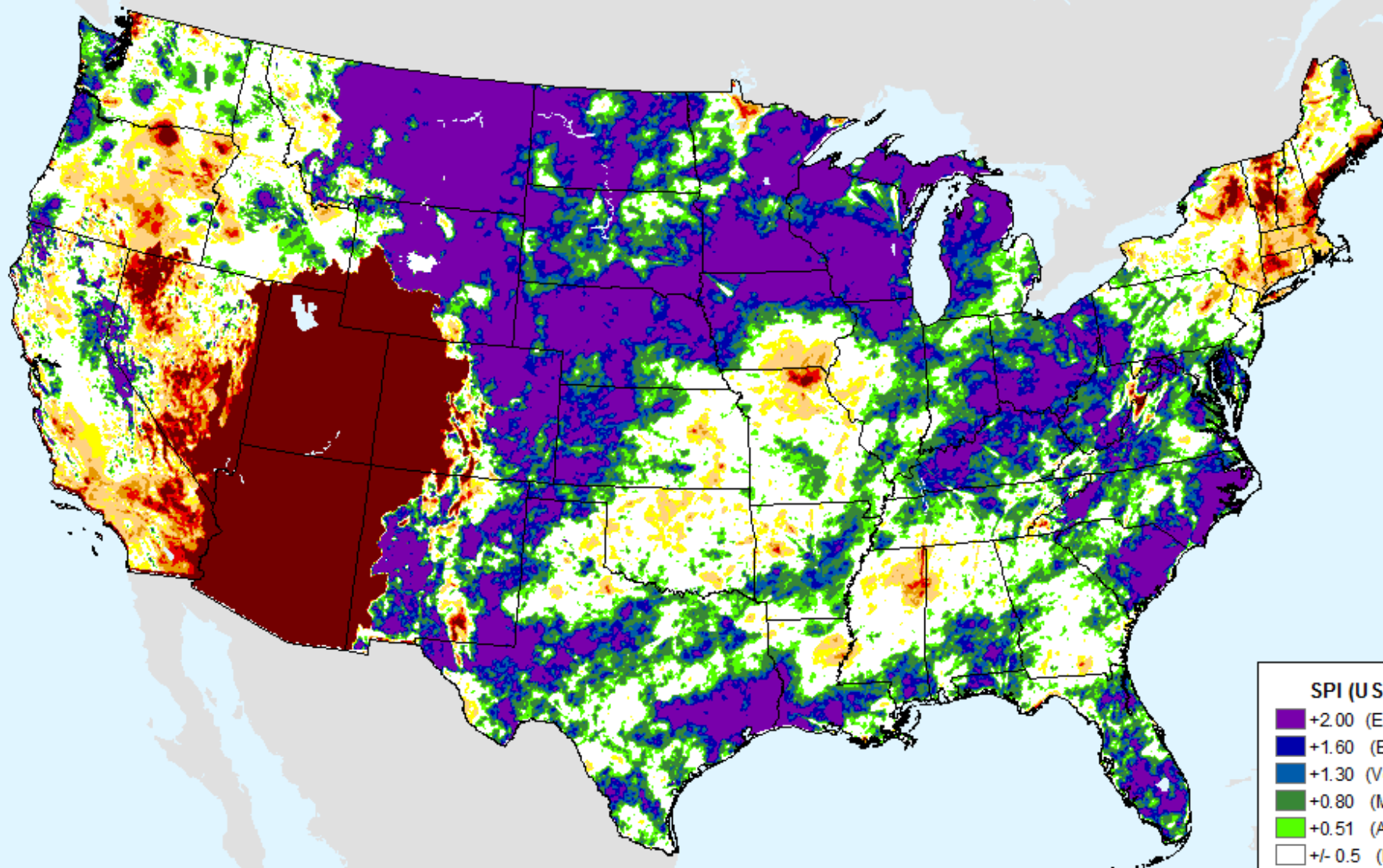
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

AHPS 36-month SPI

As of: Tuesday, August 14, 2018

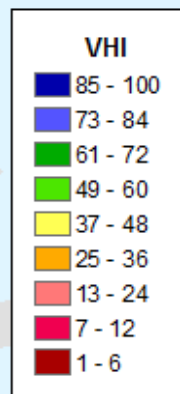
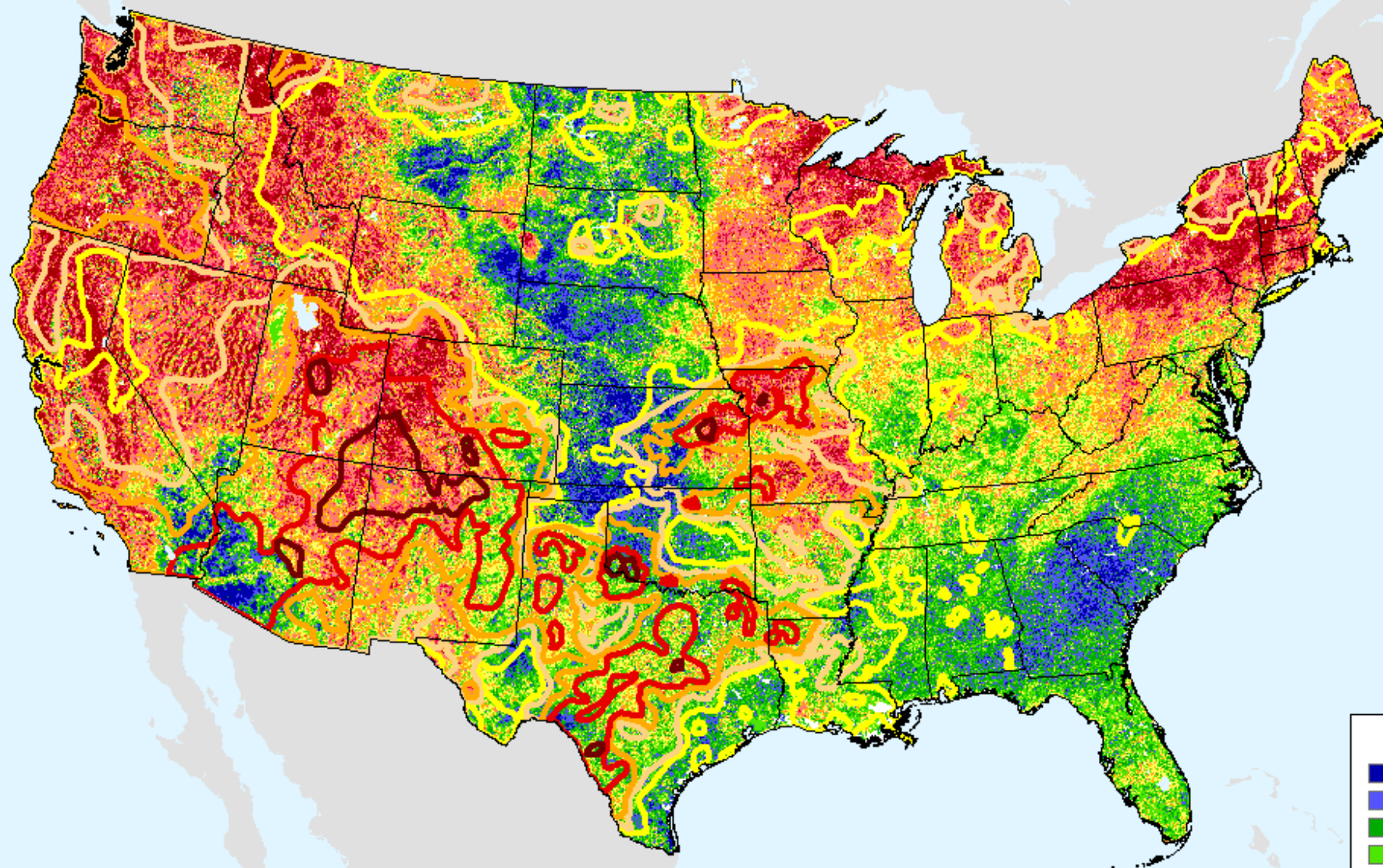


SPI (USDM)

- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

Vegetation Health Index

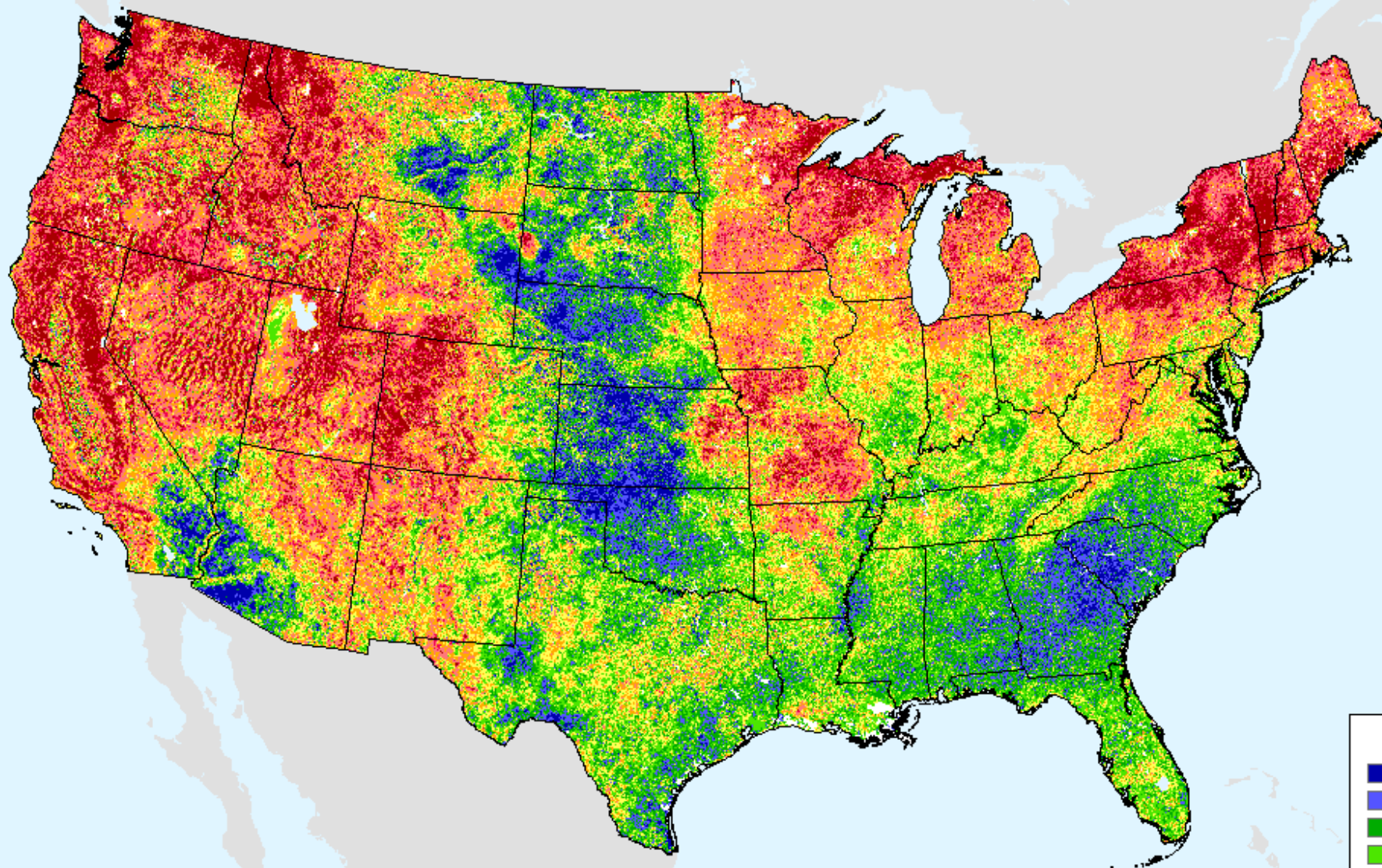
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

Vegetation Health Index

As of: Tuesday, August 14, 2018

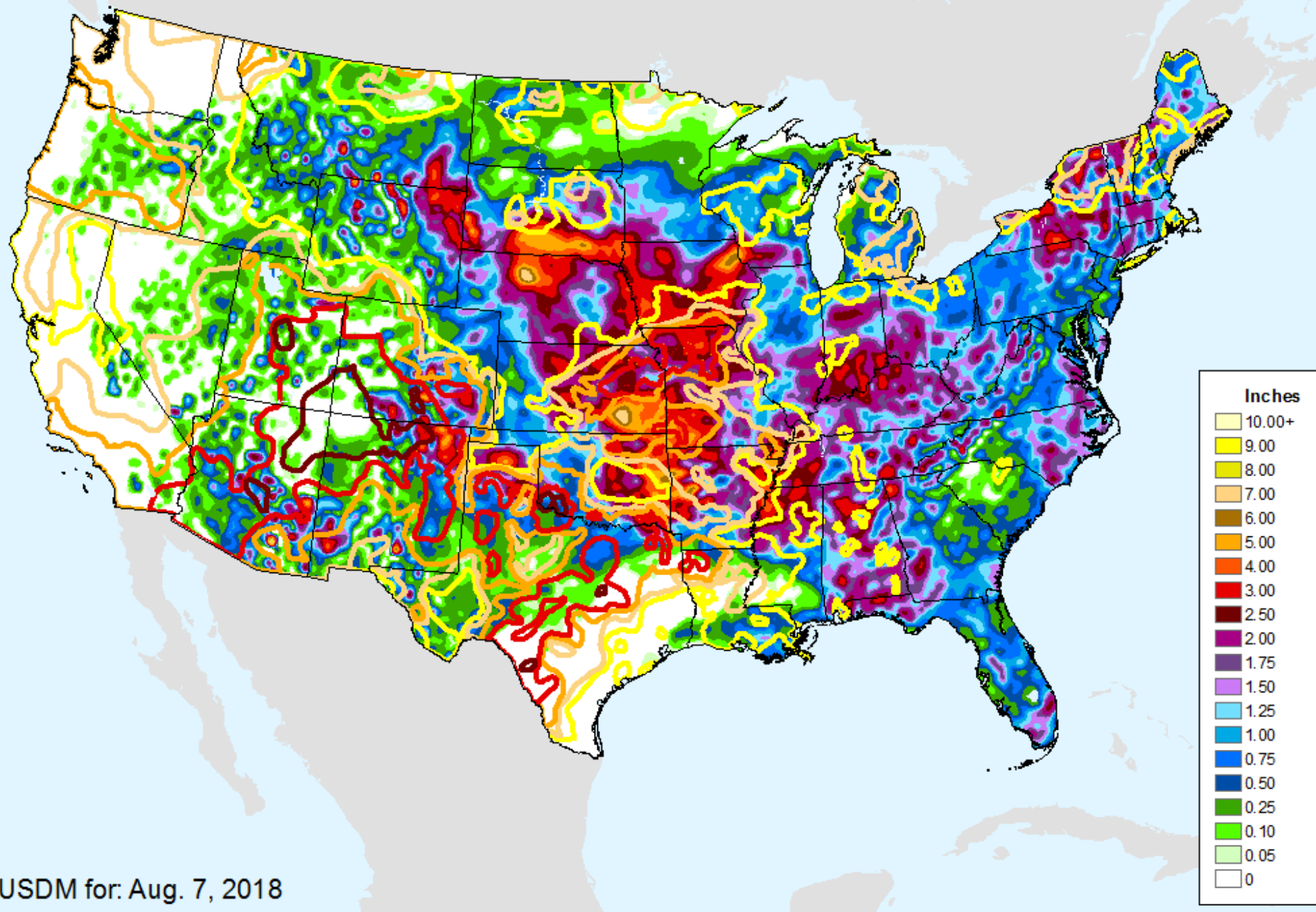


VHI

- 85 - 100
- 73 - 84
- 61 - 72
- 49 - 60
- 37 - 48
- 25 - 36
- 13 - 24
- 7 - 12
- 1 - 6

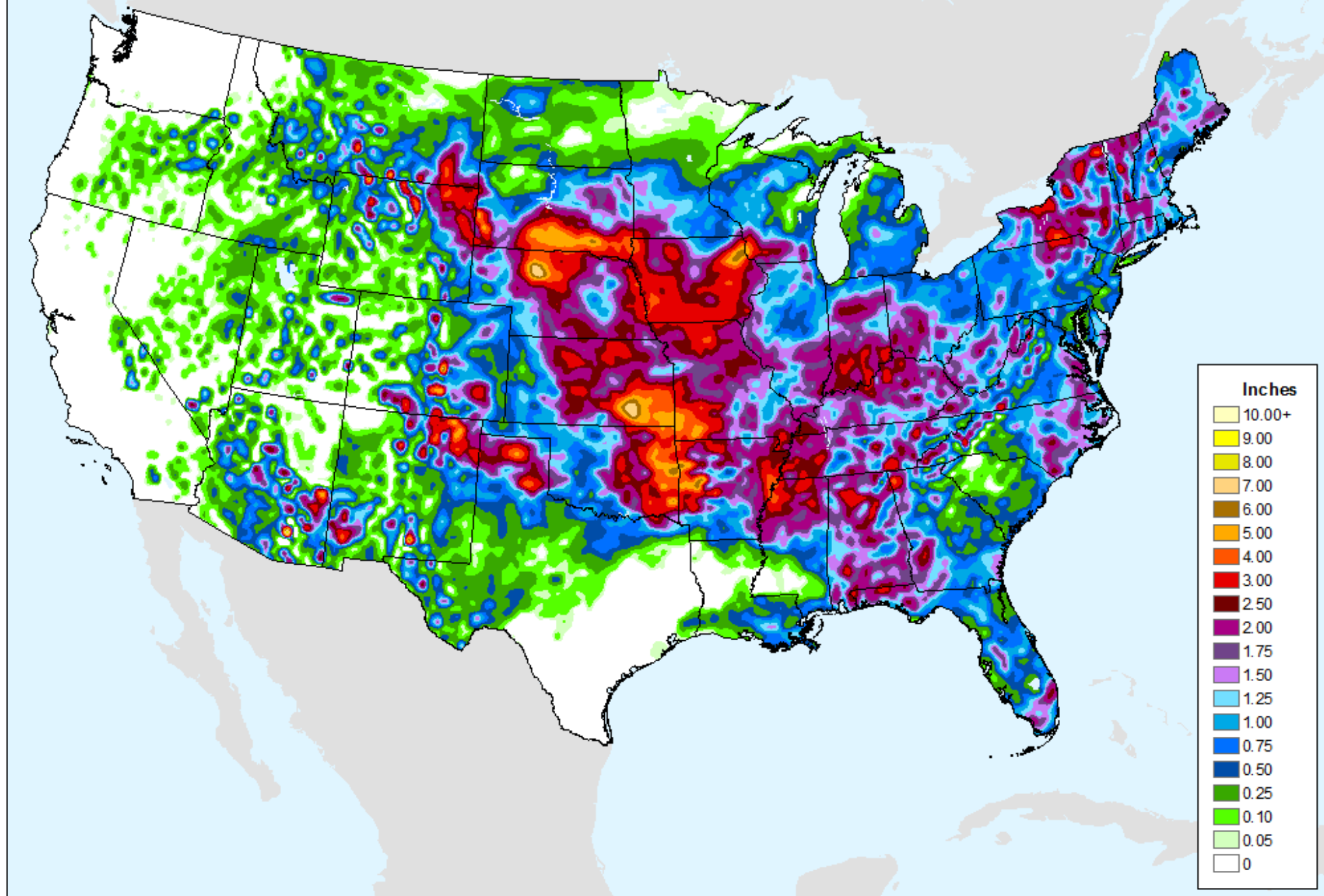
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, August 14, 2018



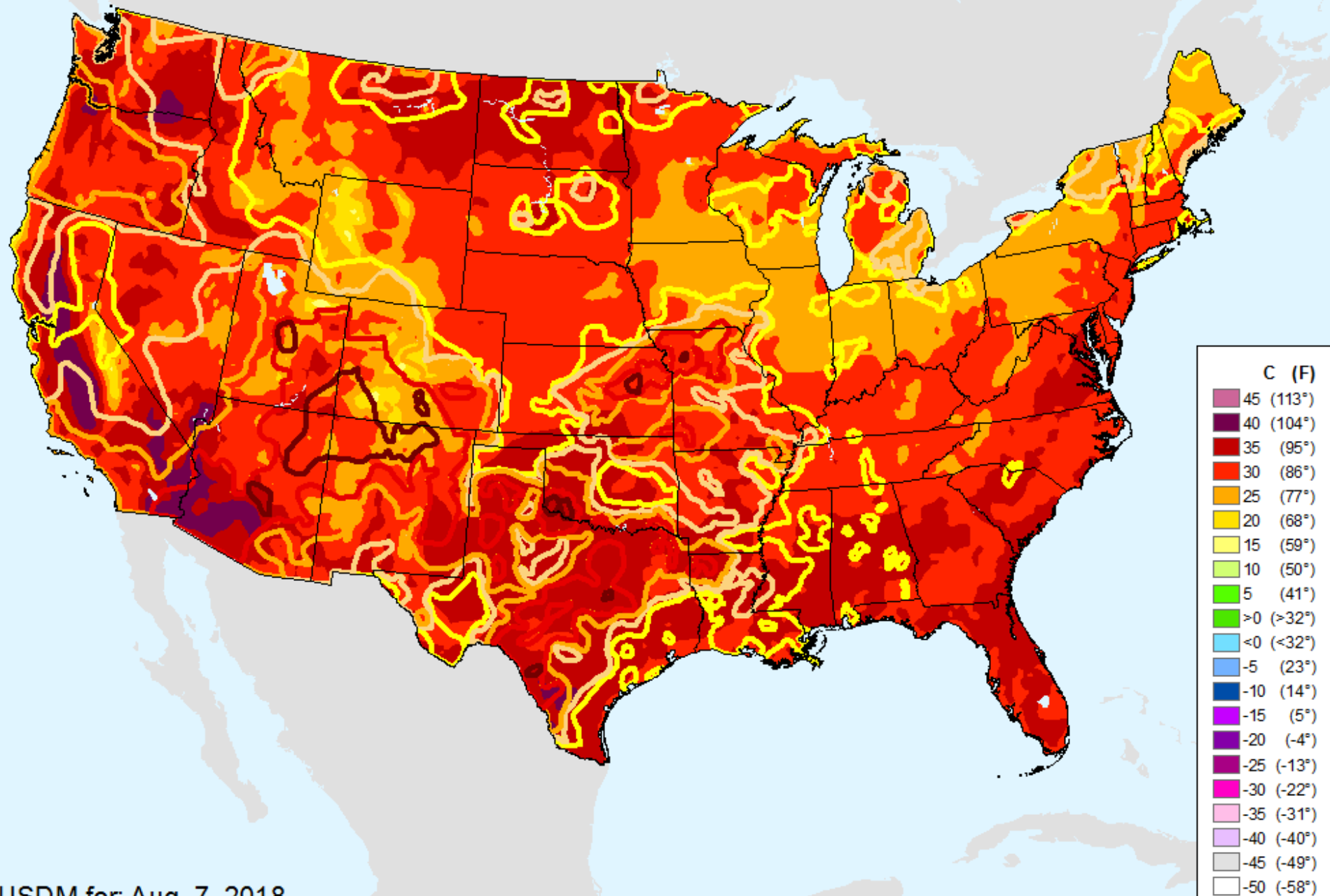
GFS (00z) 7-Day Precip Forecast

As of: Tuesday, August 14, 2018



GFS (00z) 7-Day Max Temp Forecast

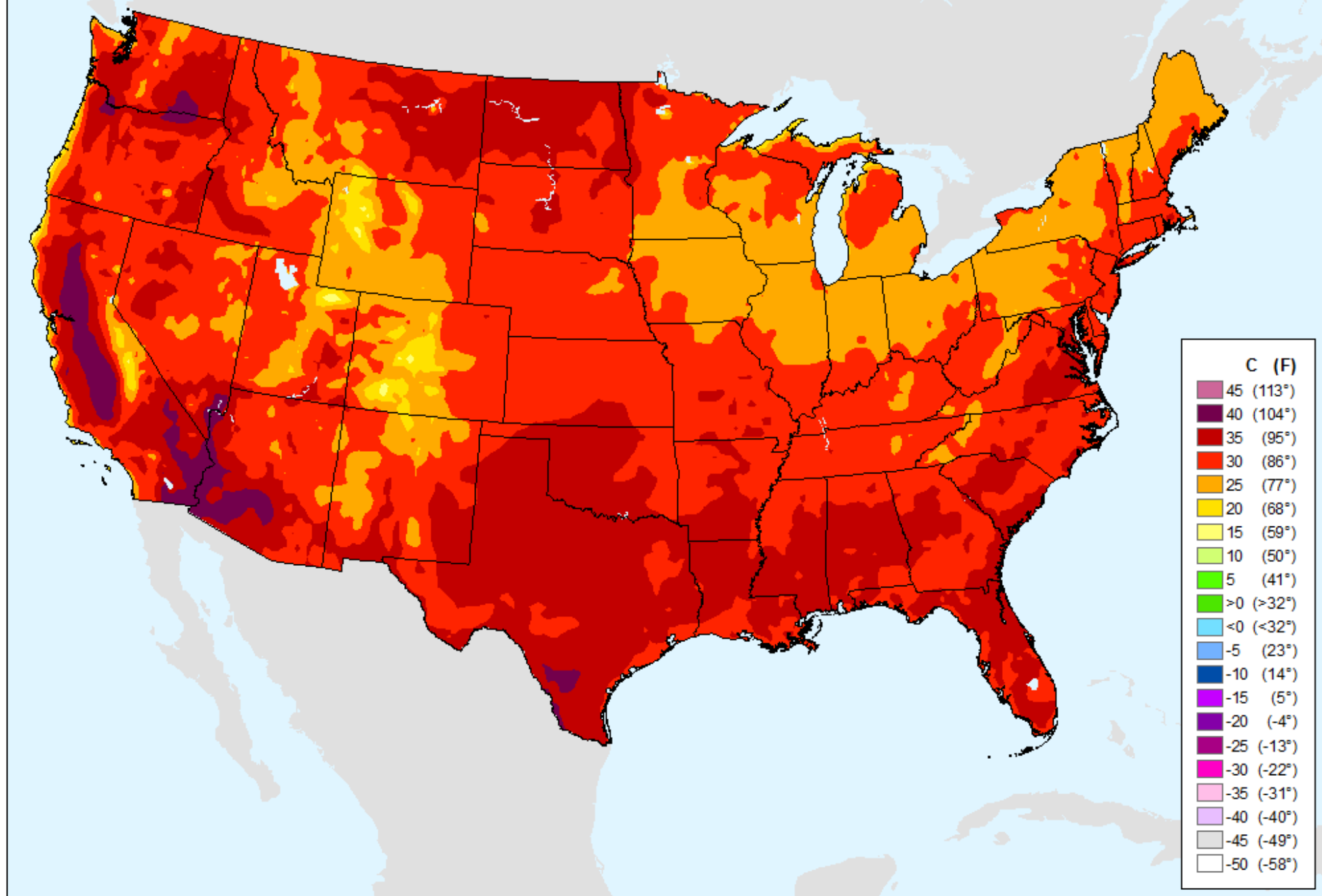
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

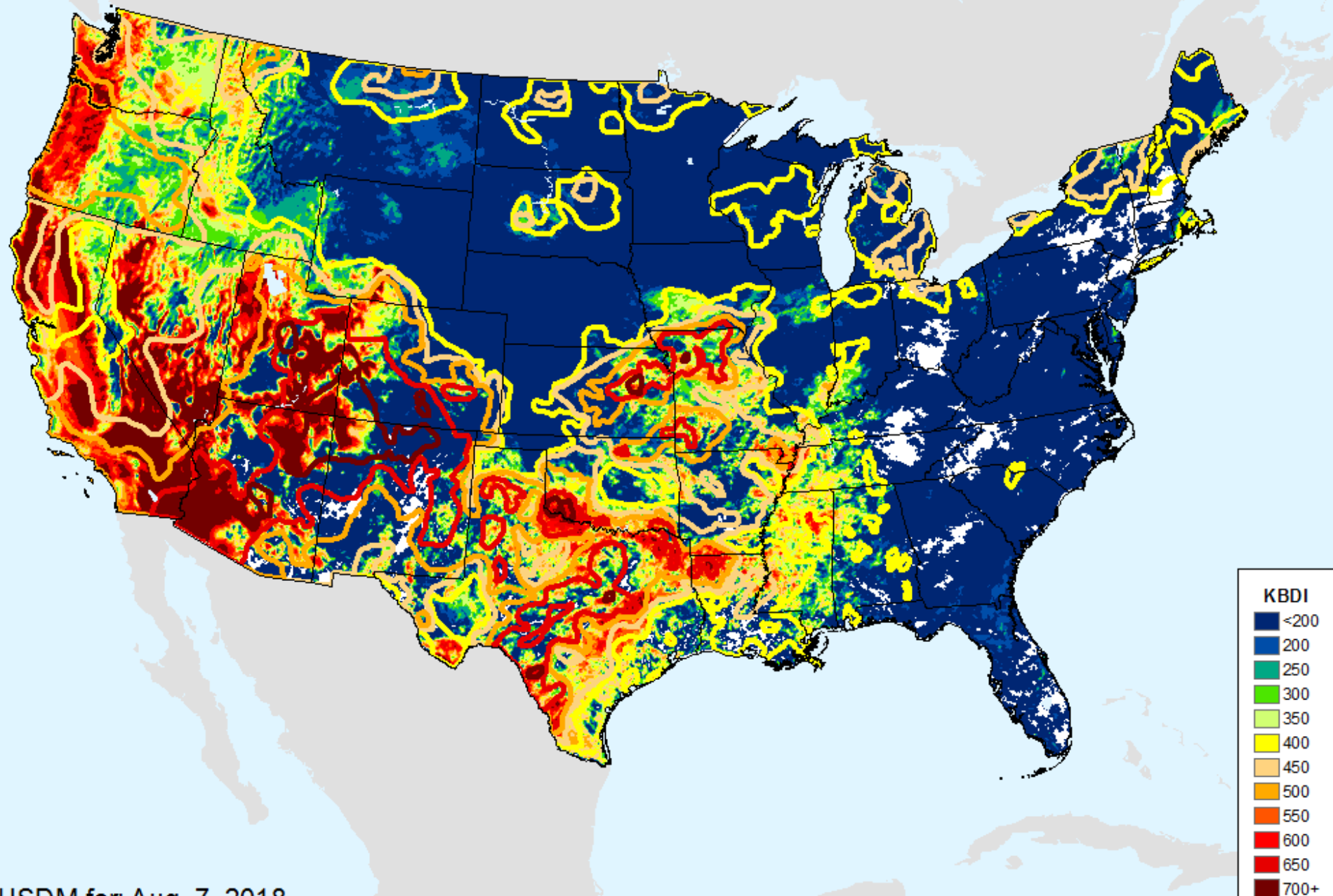
GFS (00z) 7-Day Max Temp Forecast

As of: Tuesday, August 14, 2018



Keetch-Byram Drought Index (KBDI)

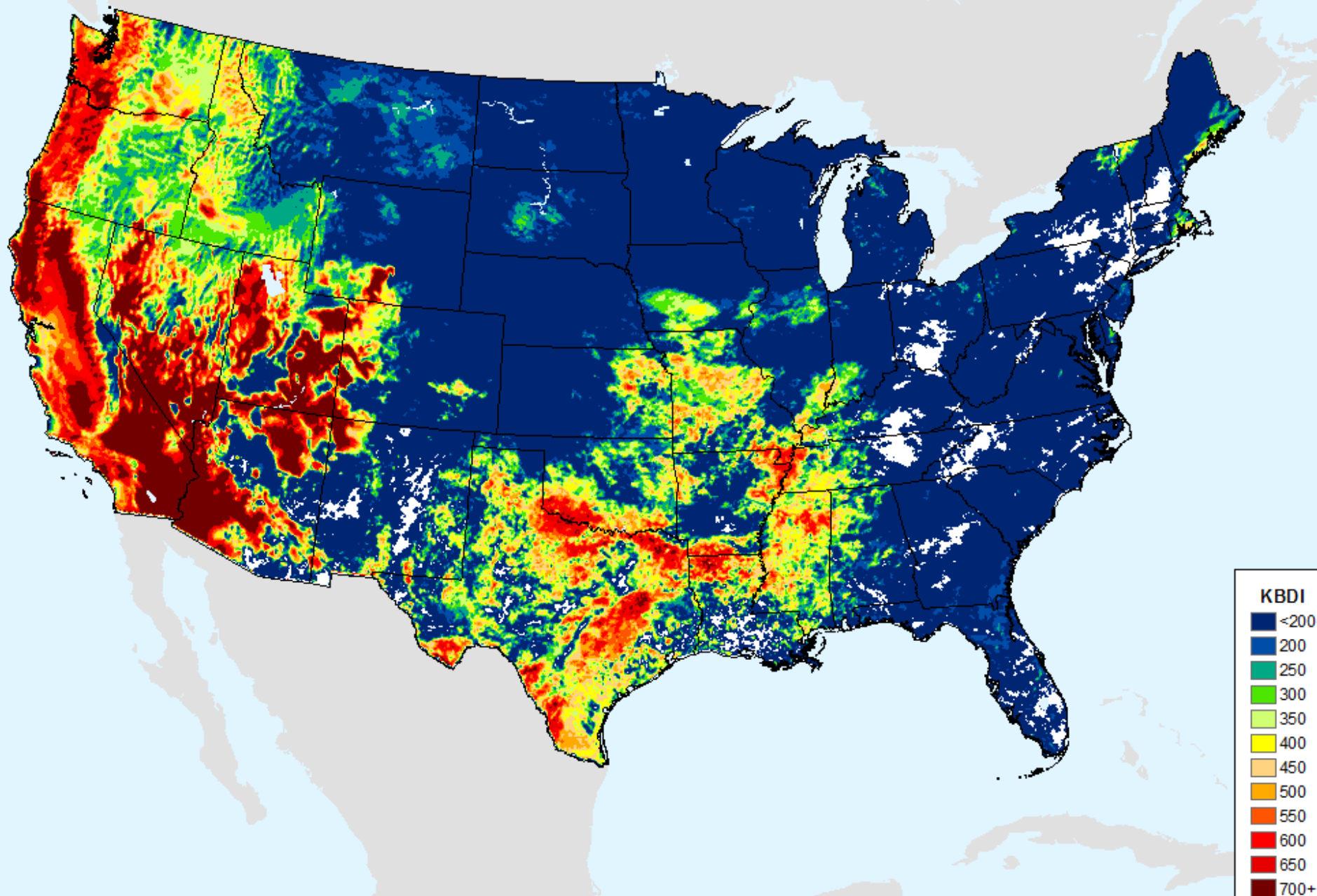
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

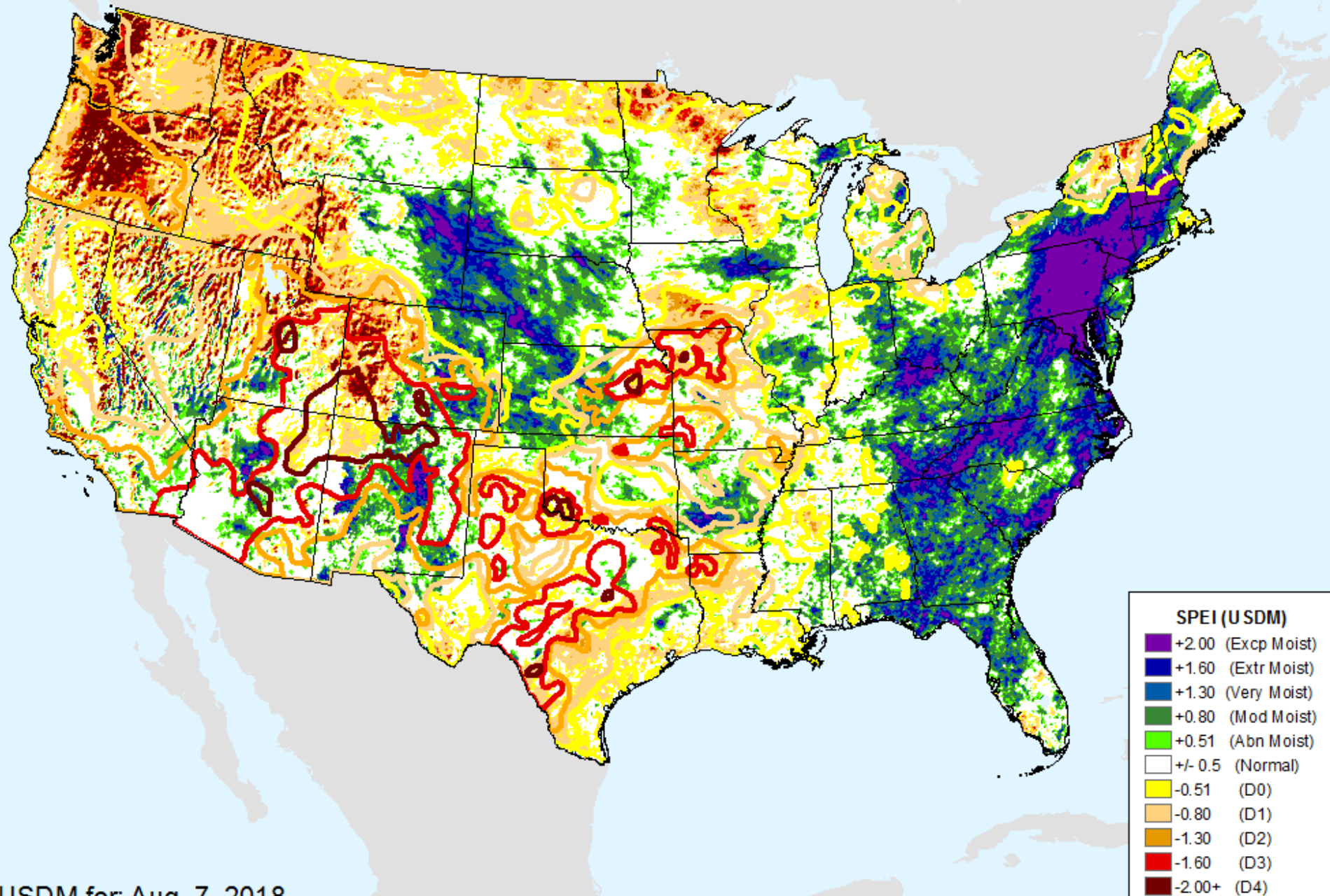
Keetch-Byram Drought Index (KBDI)

As of: Tuesday, August 14, 2018



AHPS 1-month SPEI

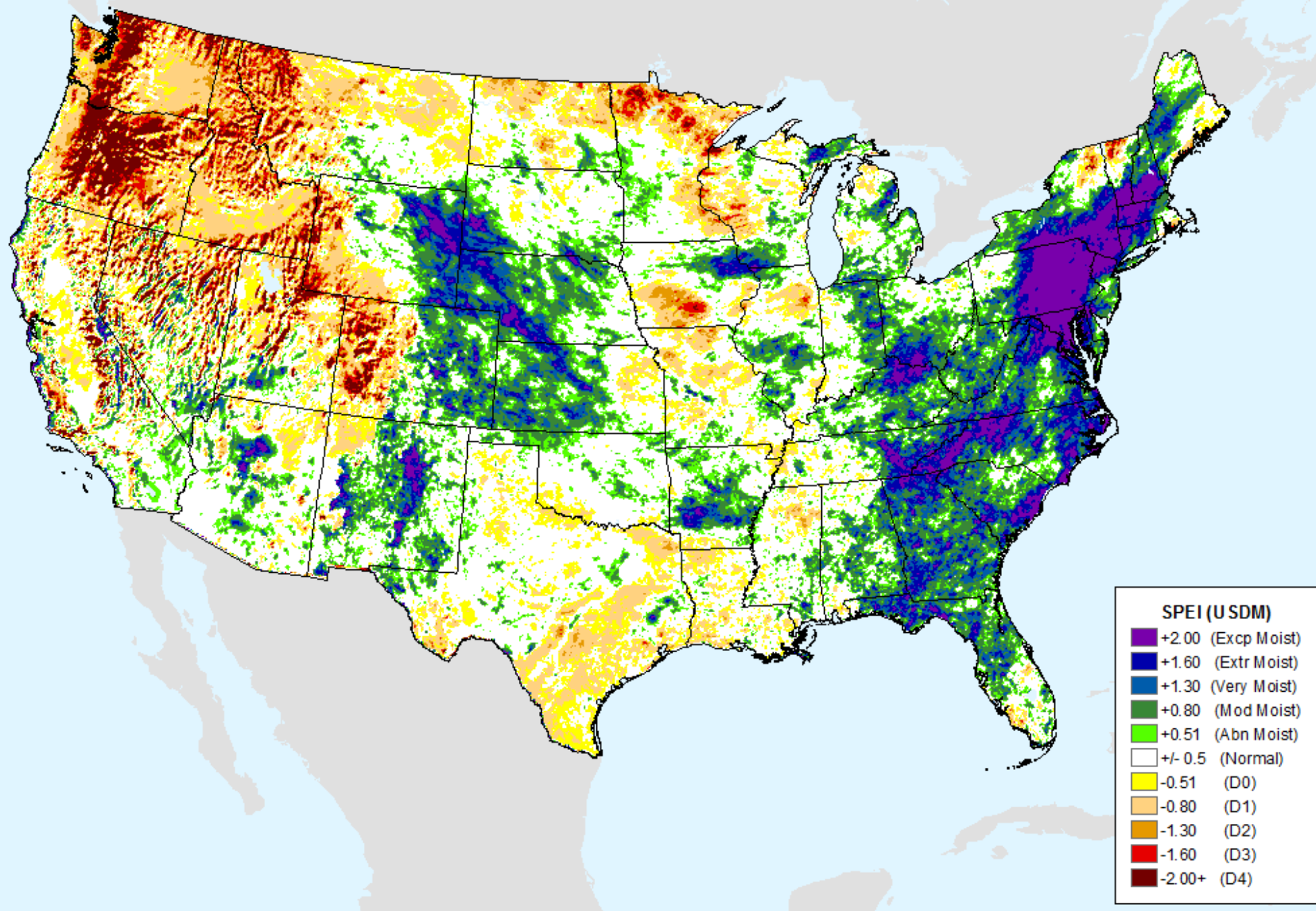
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

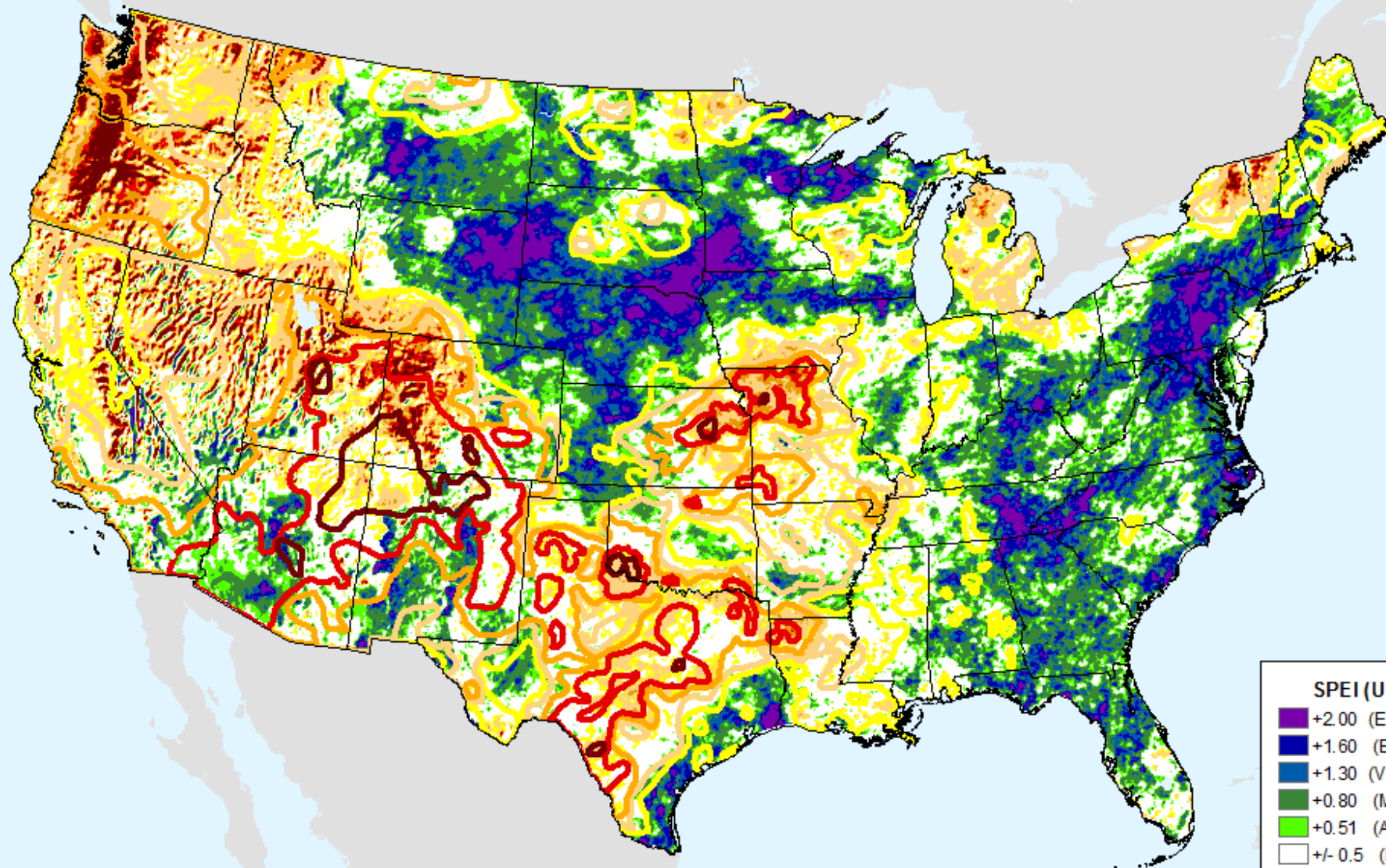
AHPS 1-month SPEI

As of: Tuesday, August 14, 2018



AHPS 2-month SPEI

As of: Tuesday, August 14, 2018



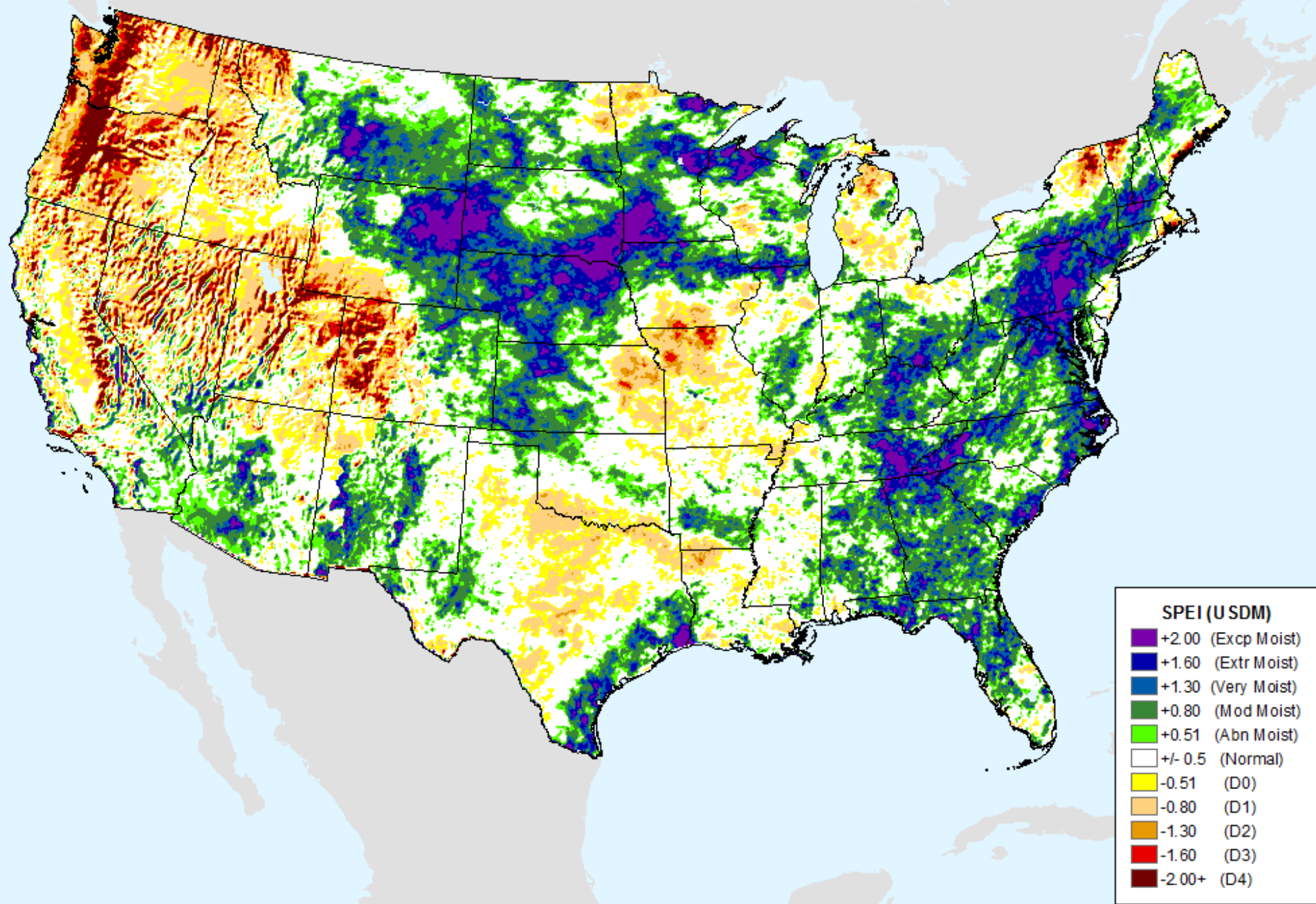
SPEI (USDM)

Dark Purple	+2.00	(Excp Moist)
Dark Blue	+1.60	(Extr Moist)
Medium Blue	+1.30	(Very Moist)
Dark Green	+0.80	(Mod Moist)
Light Green	+0.51	(Abn Moist)
White	+/- 0.5	(Normal)
Yellow	-0.51	(D0)
Light Orange	-0.80	(D1)
Orange	-1.30	(D2)
Red	-1.60	(D3)
Dark Red	-2.00+	(D4)

USDM for: Aug. 7, 2018

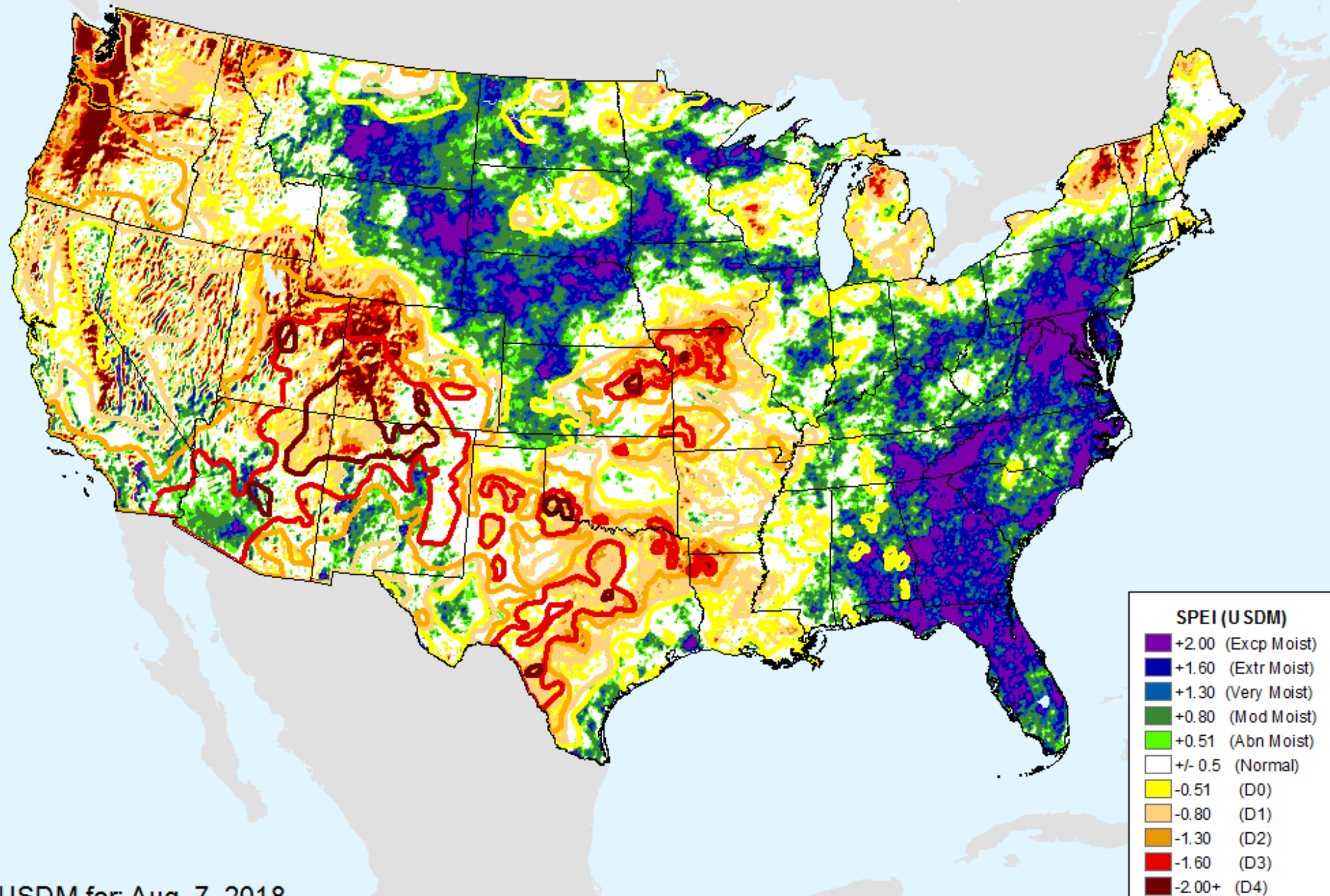
AHPS 2-month SPEI

As of: Tuesday, August 14, 2018



AHPS 3-month SPEI

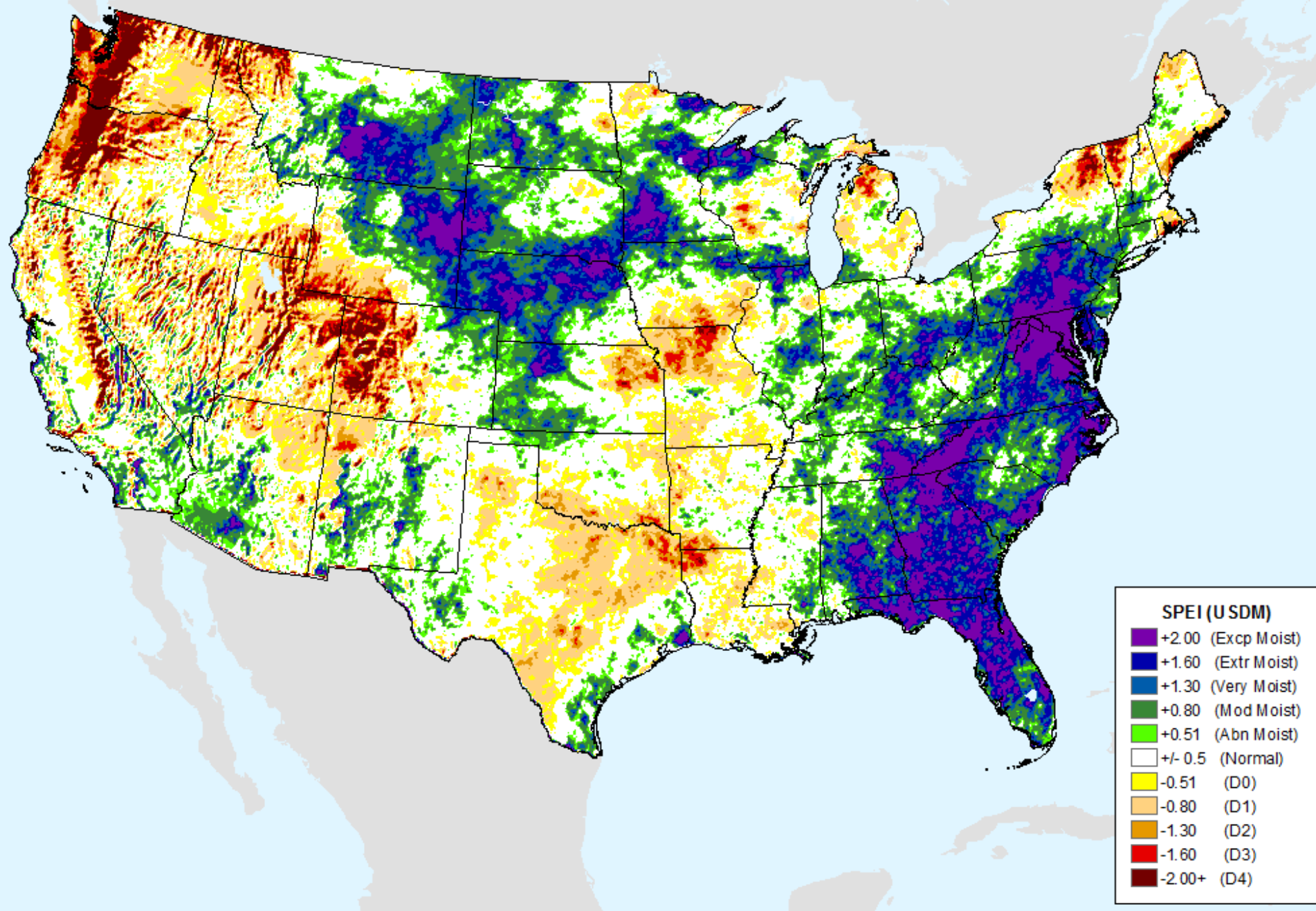
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

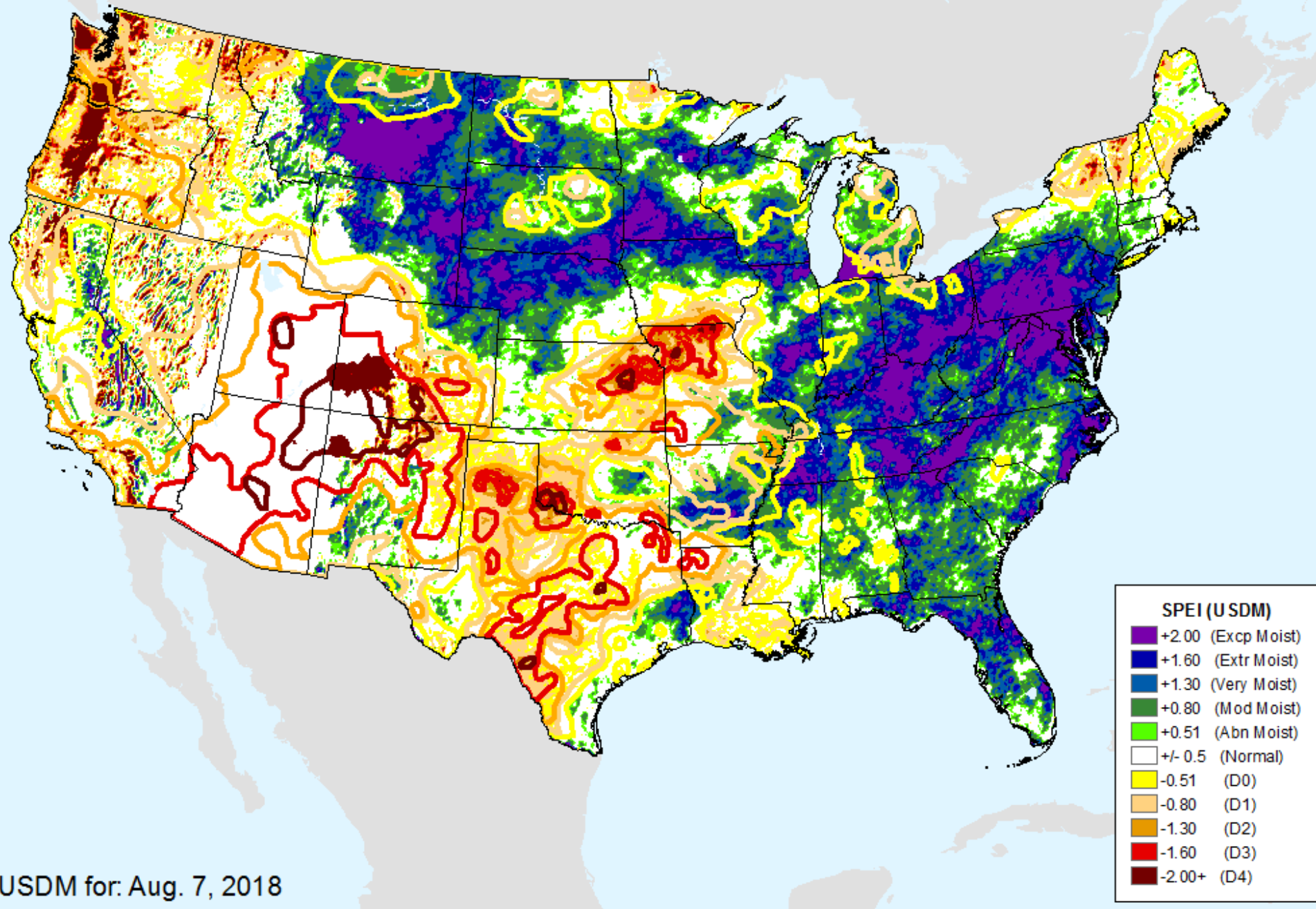
AHPS 3-month SPEI

As of: Tuesday, August 14, 2018



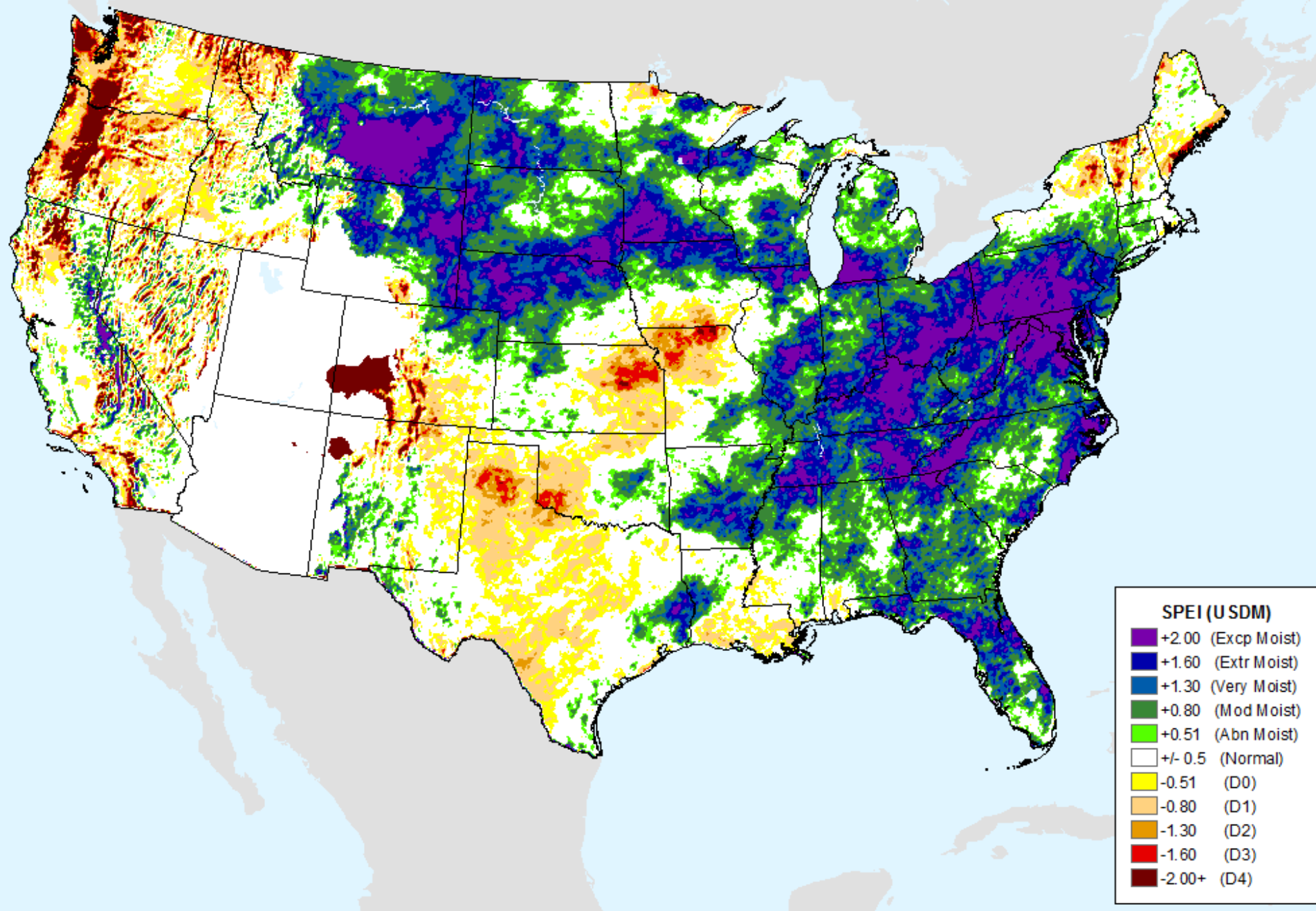
AHPS 6-month SPEI

As of: Tuesday, August 14, 2018



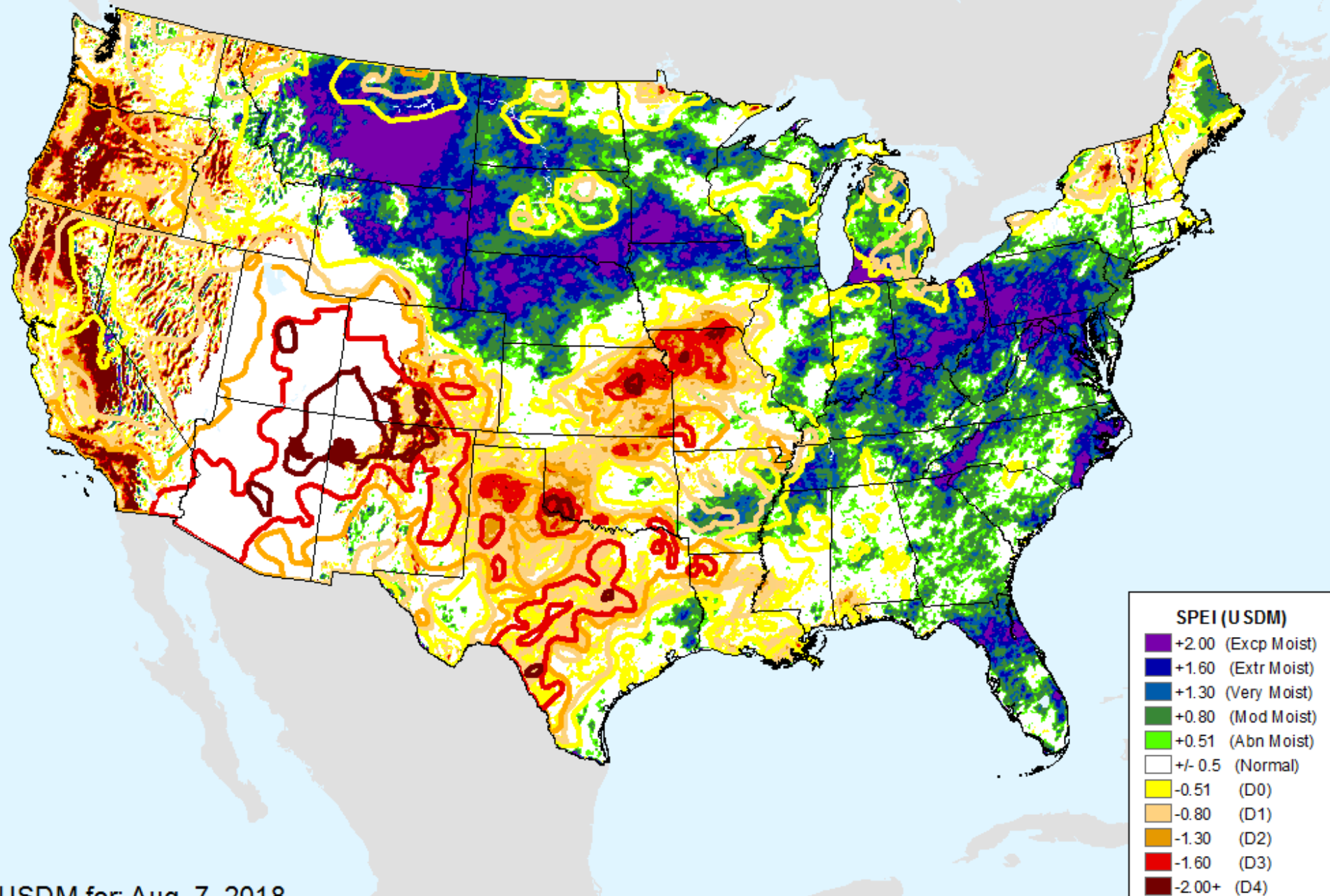
AHPS 6-month SPEI

As of: Tuesday, August 14, 2018



AHPS 9-month SPEI

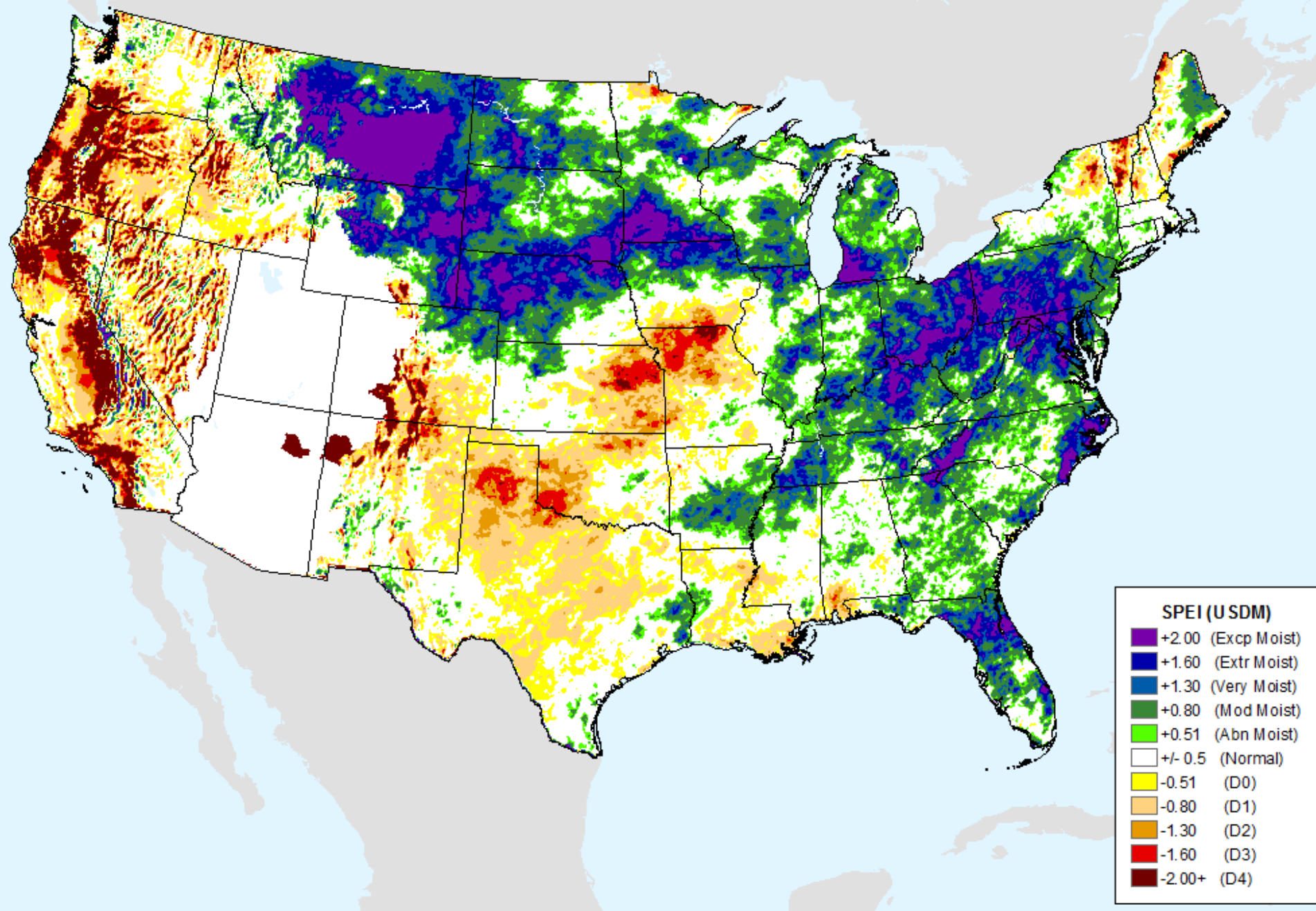
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

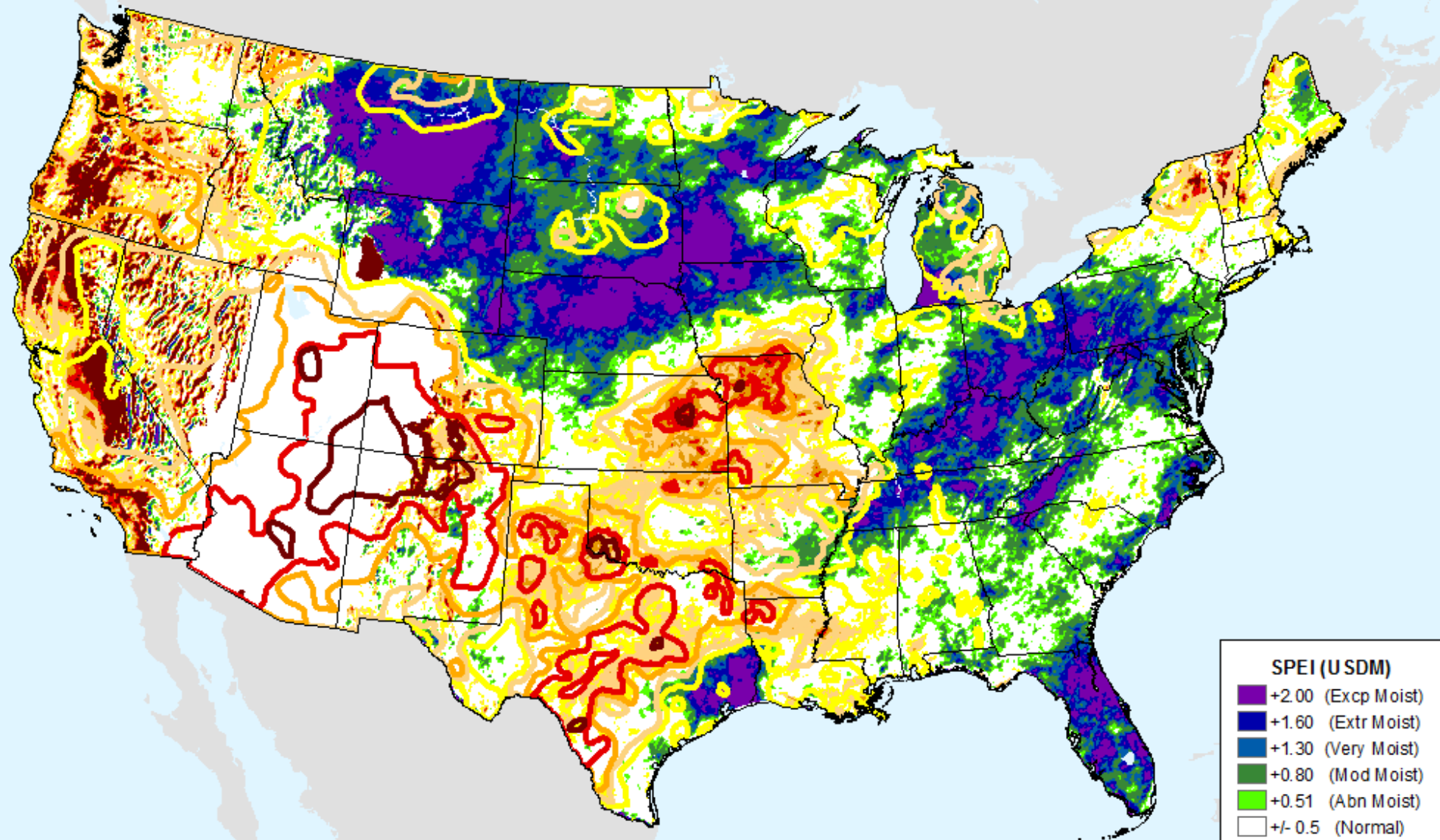
AHPS 9-month SPEI

As of: Tuesday, August 14, 2018



AHPS 12-month SPEI

As of: Tuesday, August 14, 2018



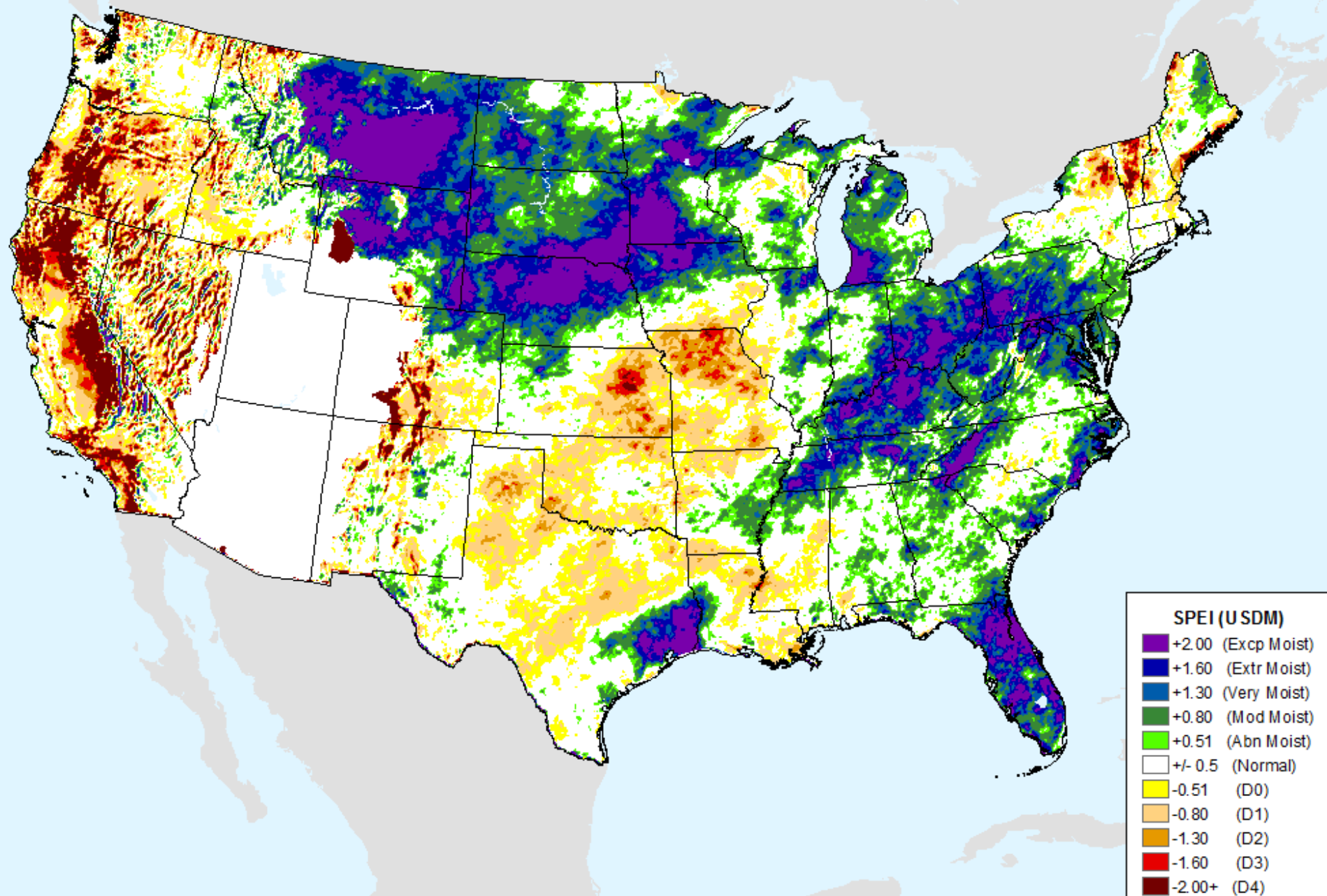
SPEI (USDM)

- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

USDM for: Aug. 7, 2018

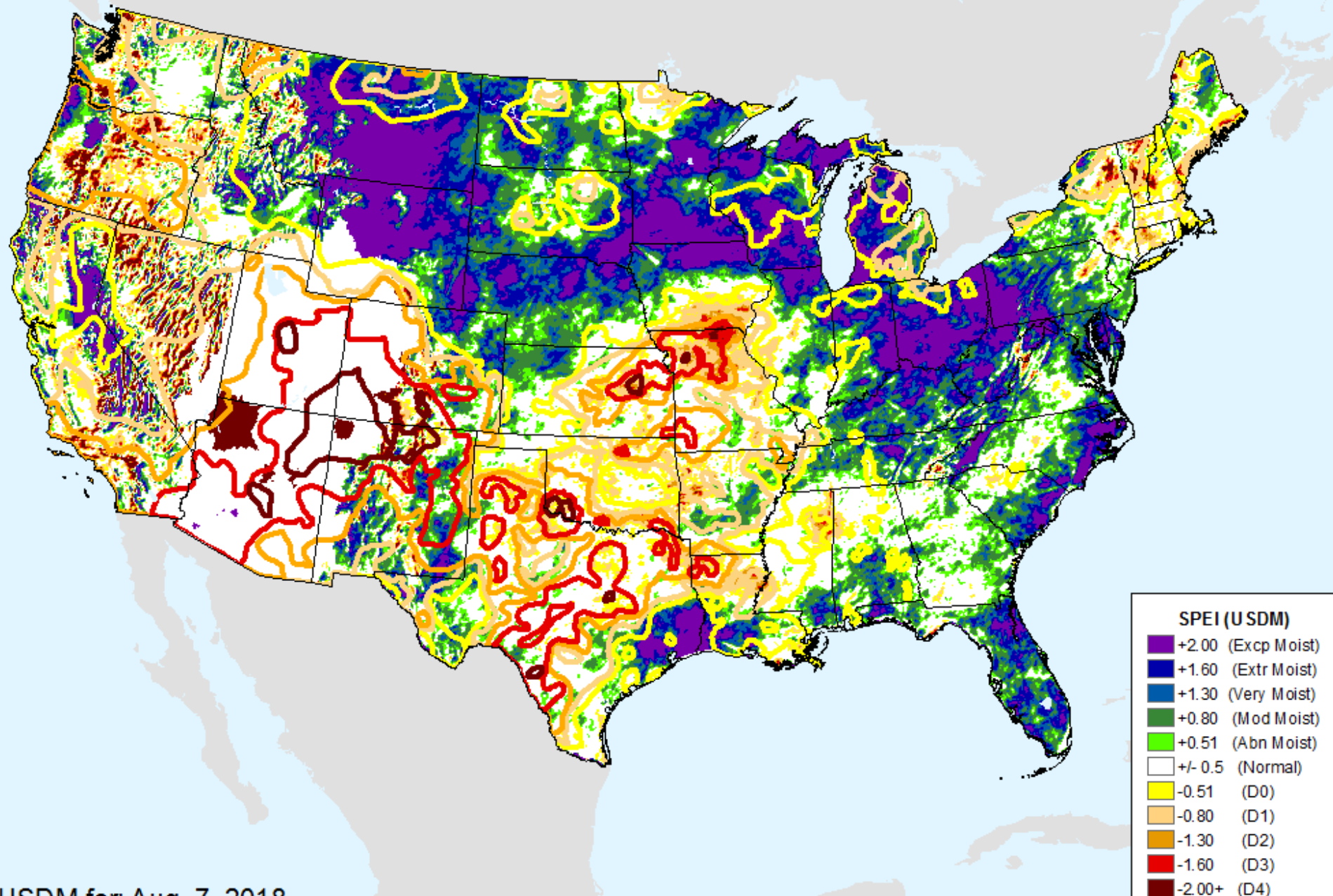
AHPS 12-month SPEI

As of: Tuesday, August 14, 2018



AHPS 24-month SPEI

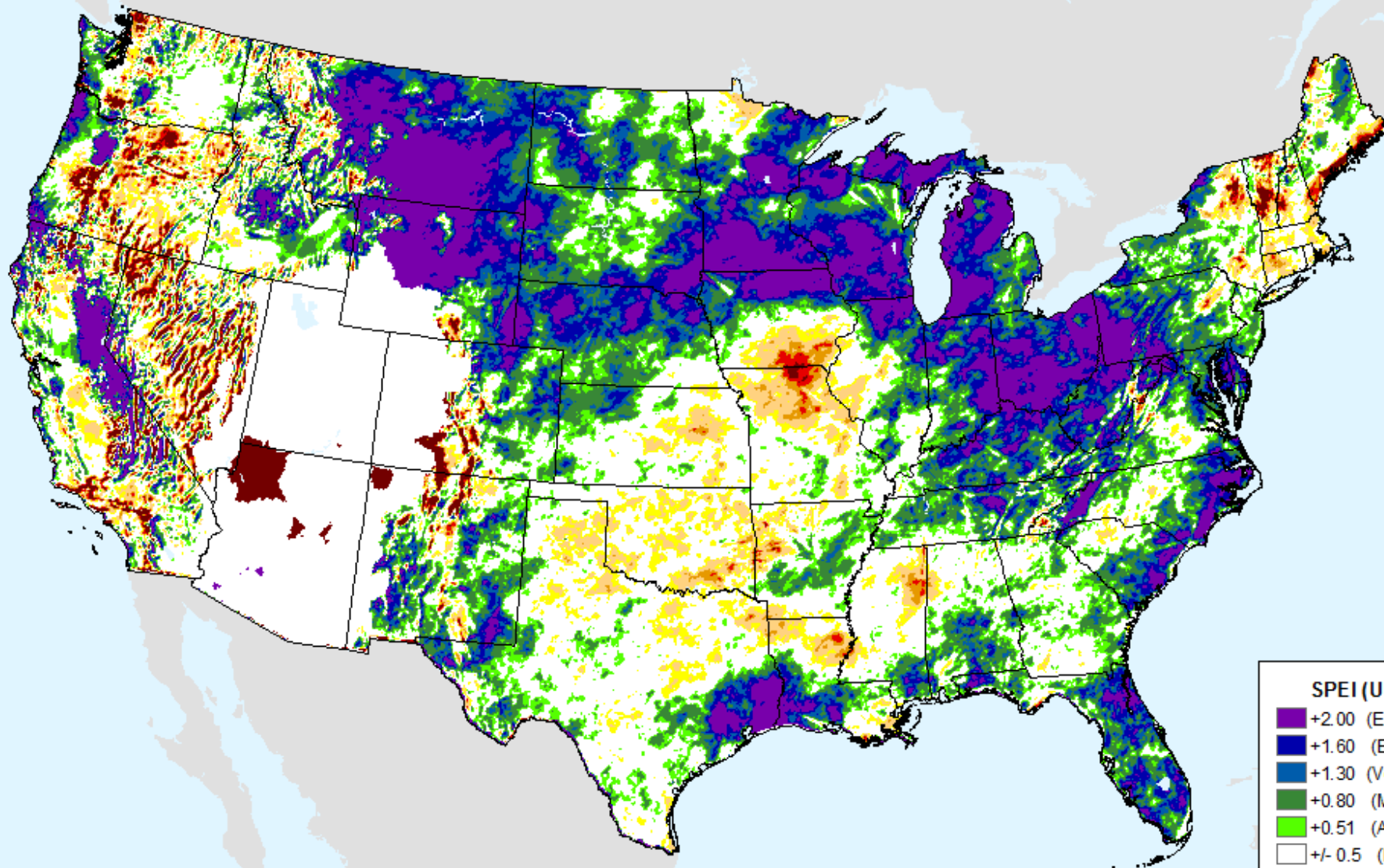
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

AHPS 24-month SPEI

As of: Tuesday, August 14, 2018

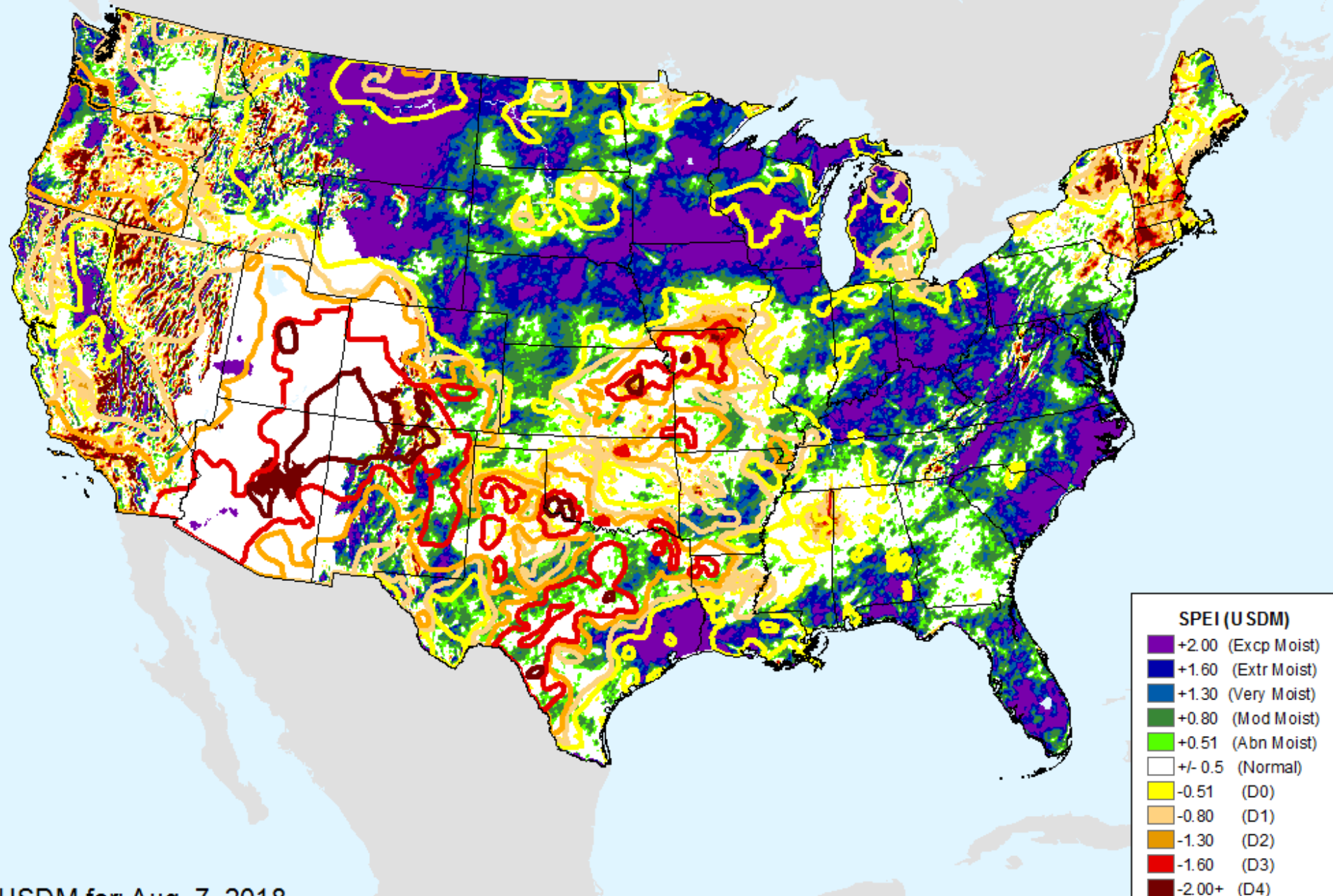


SPEI (U SDM)

- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

AHPS 36-month SPEI

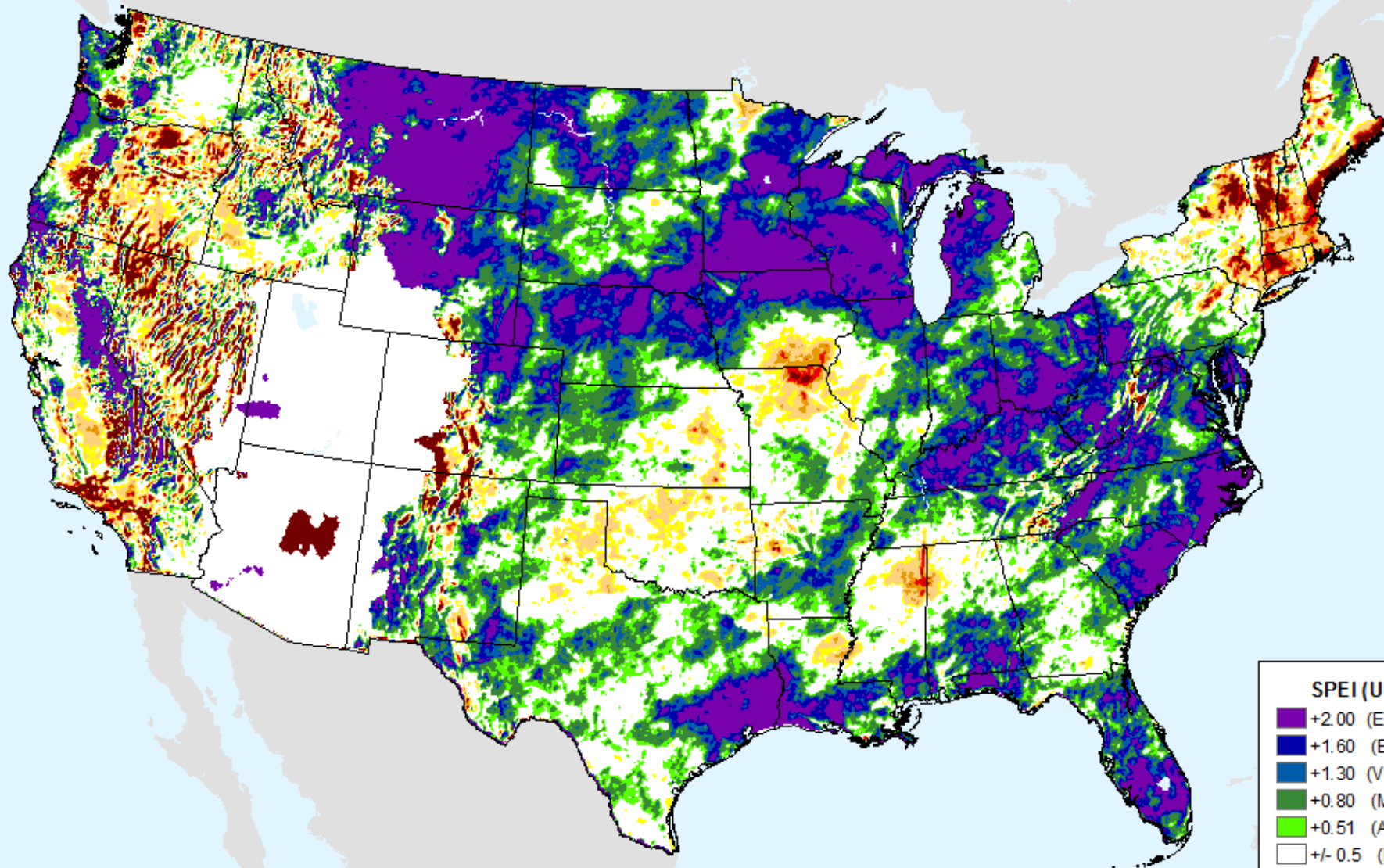
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

AHPS 36-month SPEI

As of: Tuesday, August 14, 2018

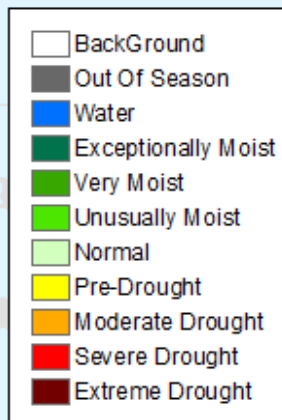
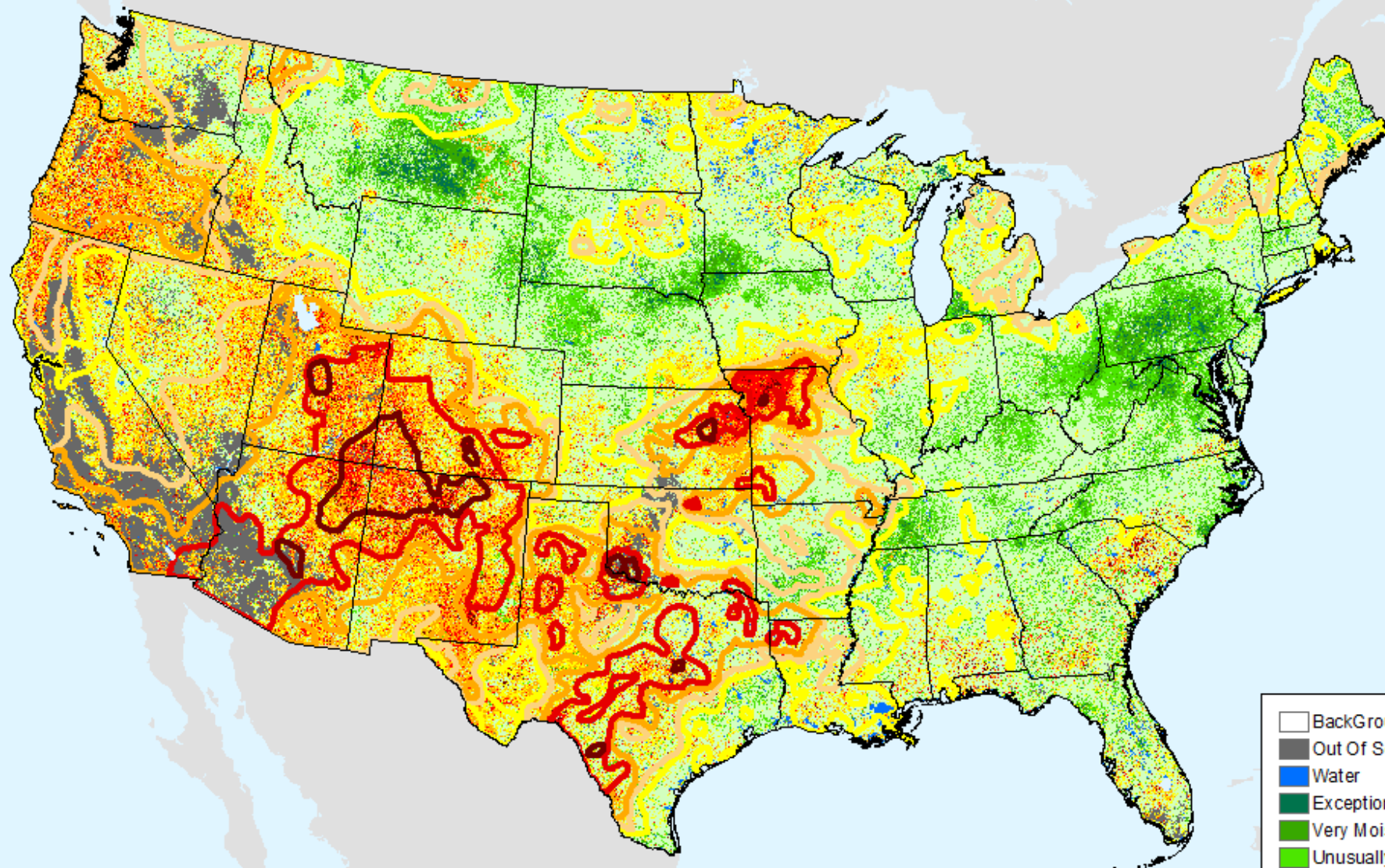


SPEI (U SDM)

- +2.00 (Excp Moist)
- +1.60 (Extr Moist)
- +1.30 (Very Moist)
- +0.80 (Mod Moist)
- +0.51 (Abn Moist)
- +/- 0.5 (Normal)
- 0.51 (D0)
- 0.80 (D1)
- 1.30 (D2)
- 1.60 (D3)
- 2.00+ (D4)

Vegetation Drought Response Index (VegDRI)

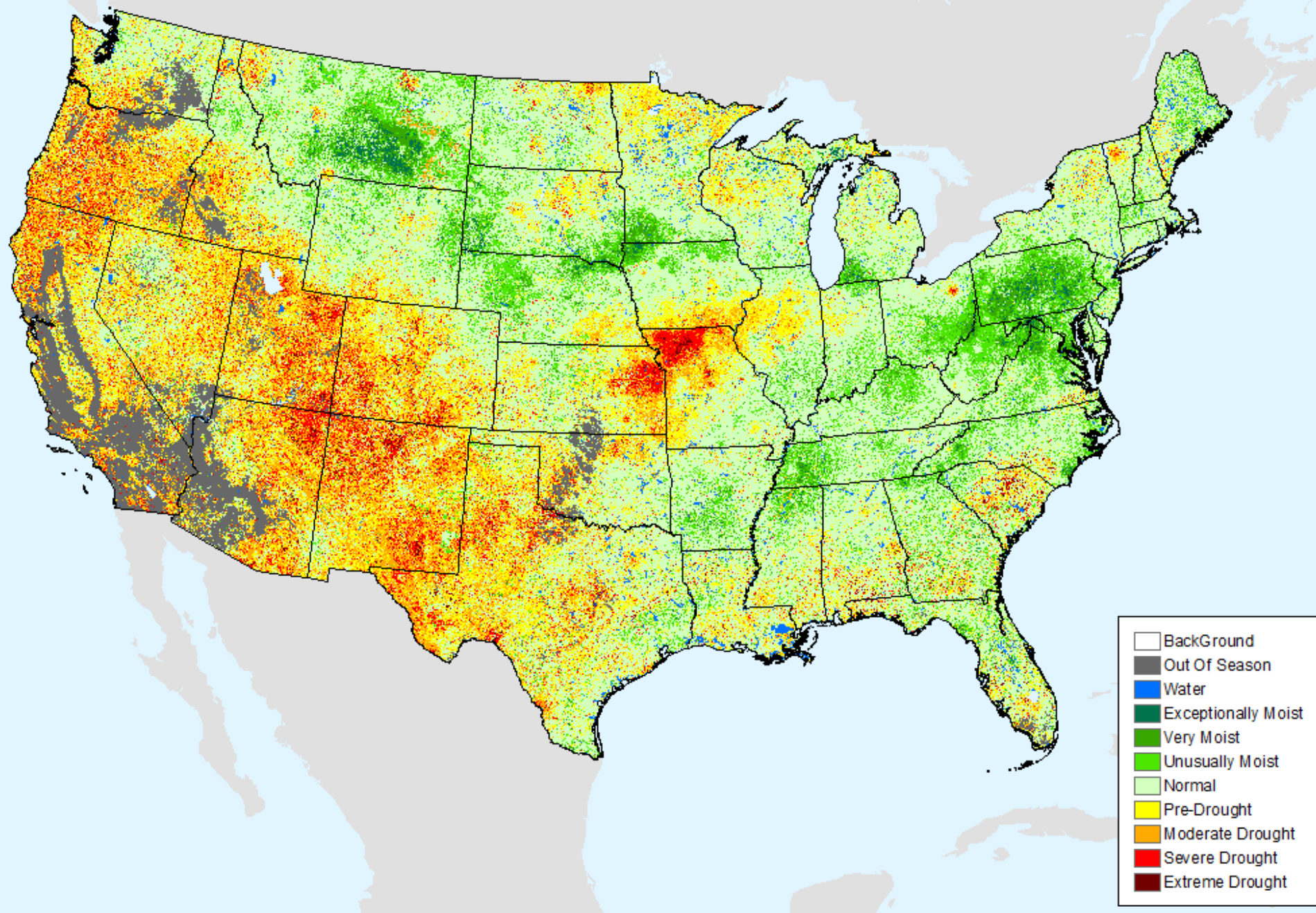
As of: Tuesday, August 14, 2018



USDM for: Aug. 7, 2018

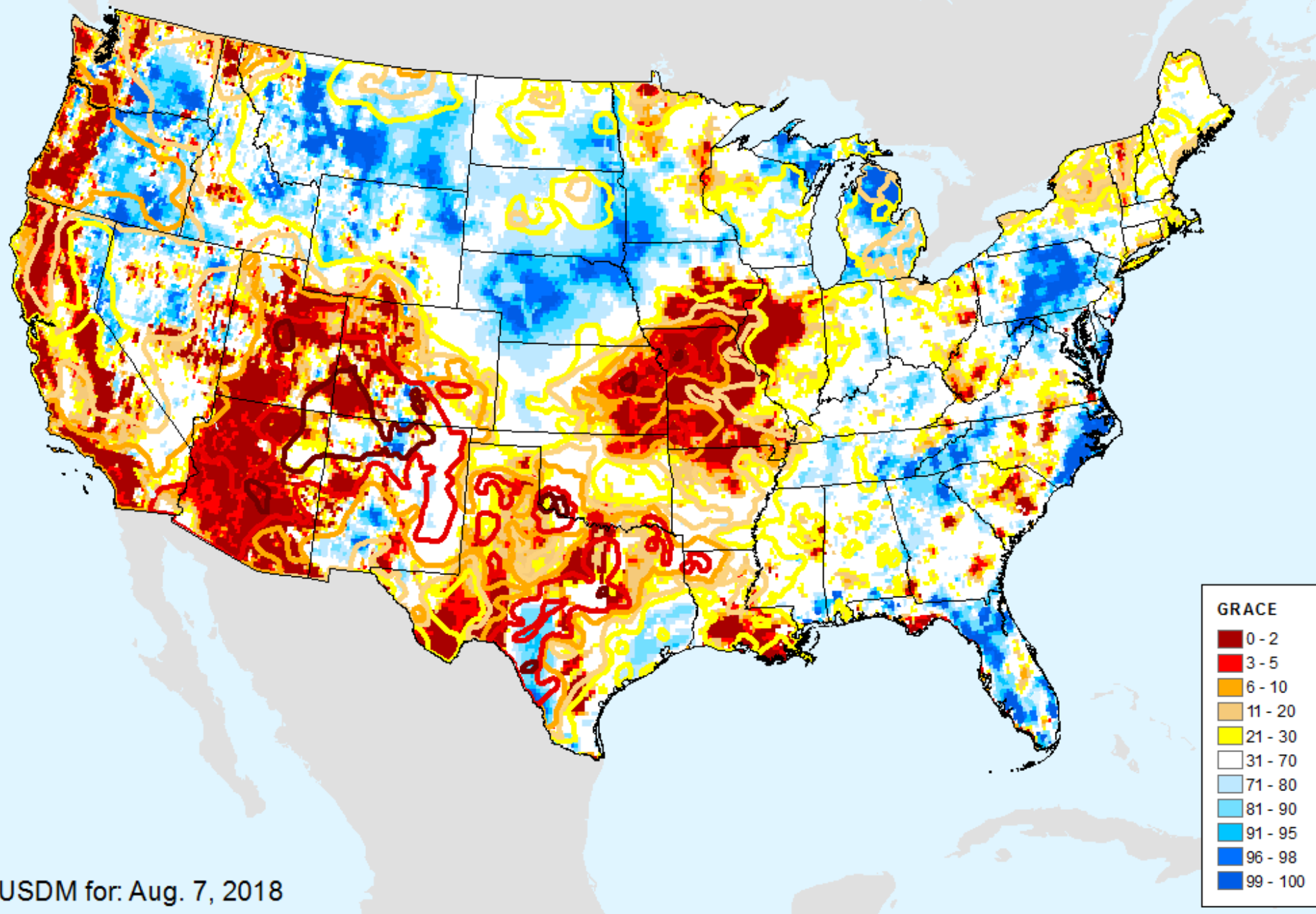
Vegetation Drought Response Index (VegDRI)

As of: Tuesday, August 14, 2018



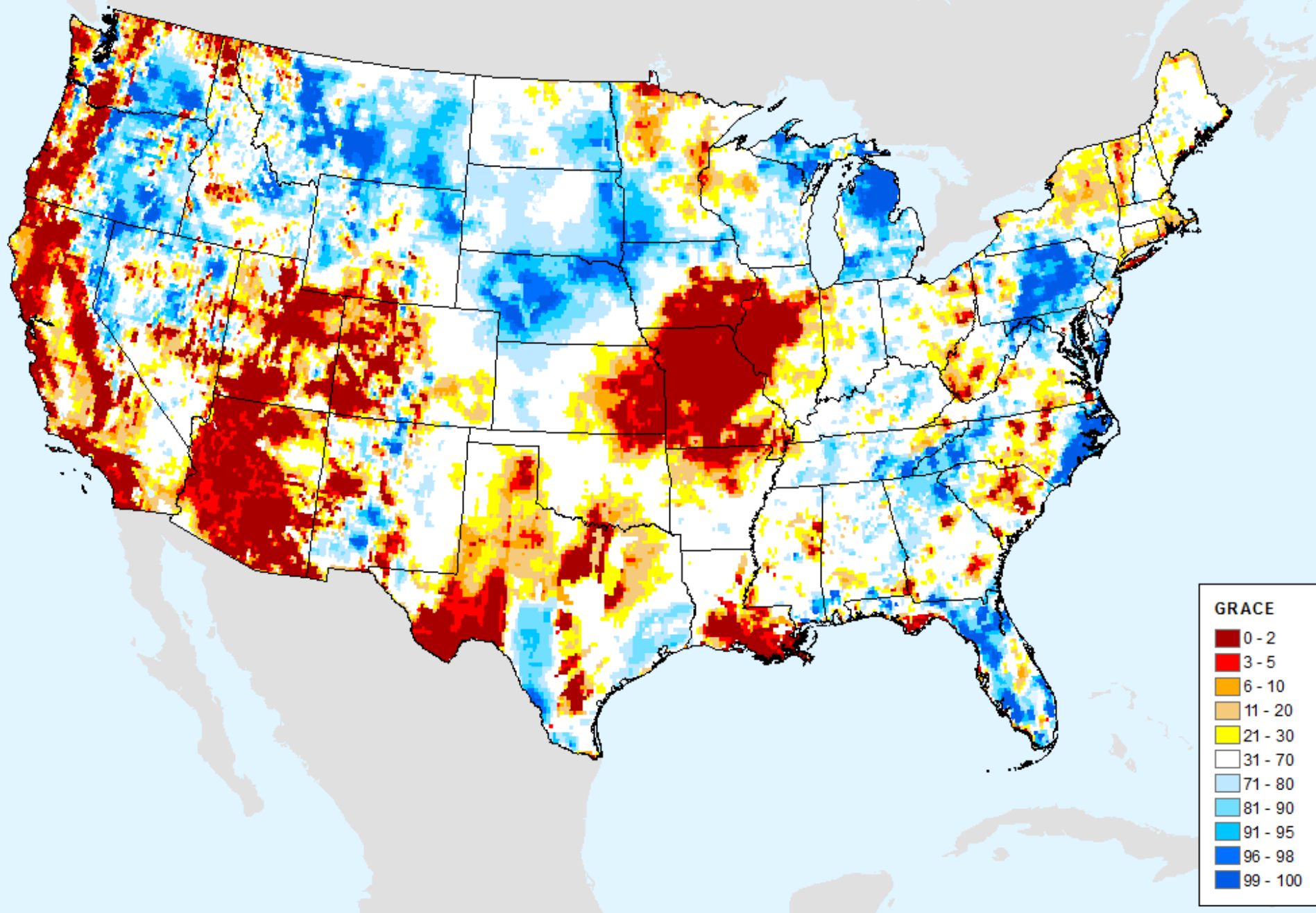
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, August 14, 2018



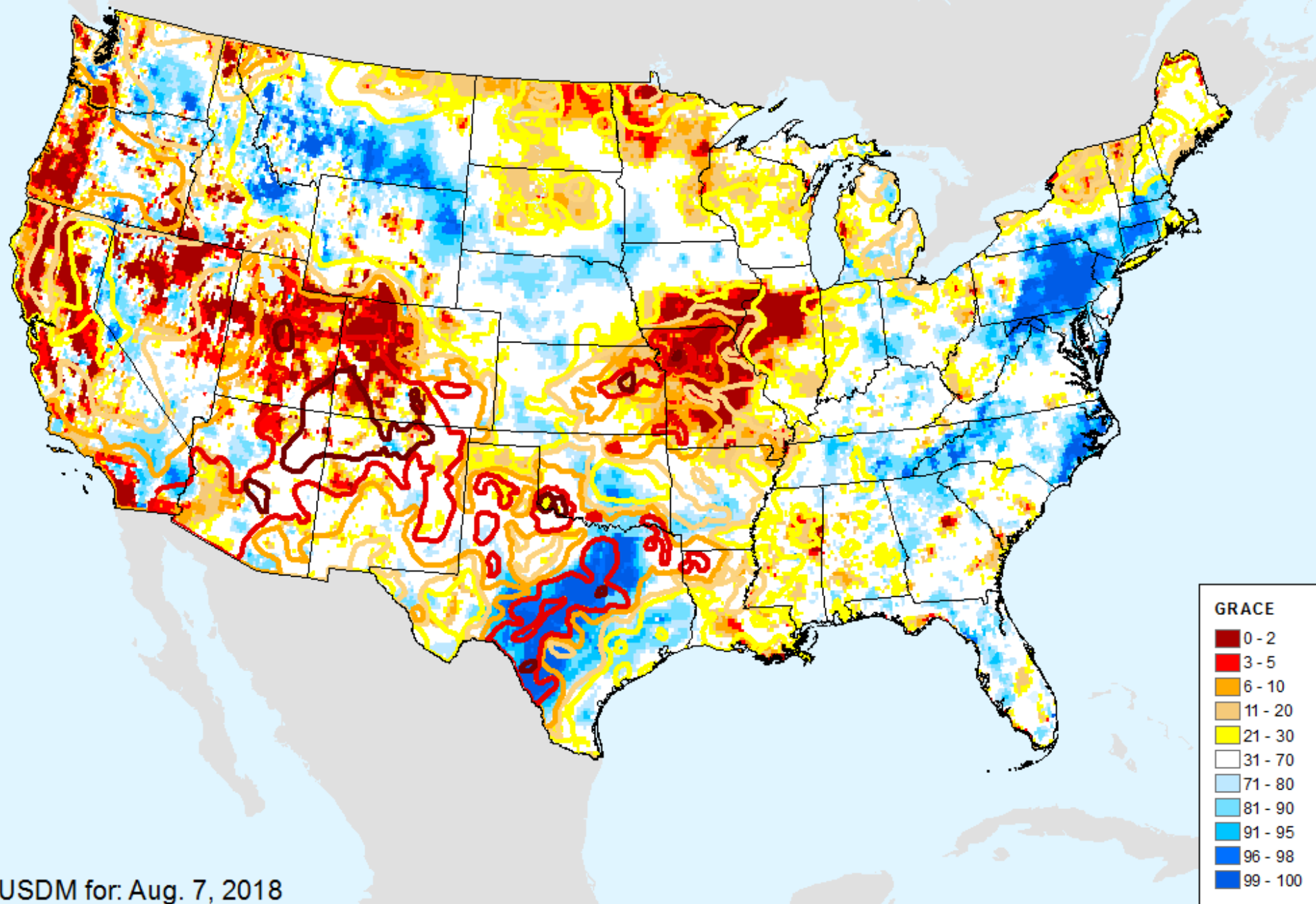
GRACE-Based Shallow Groundwater Drought Indicator

As of: Tuesday, August 14, 2018



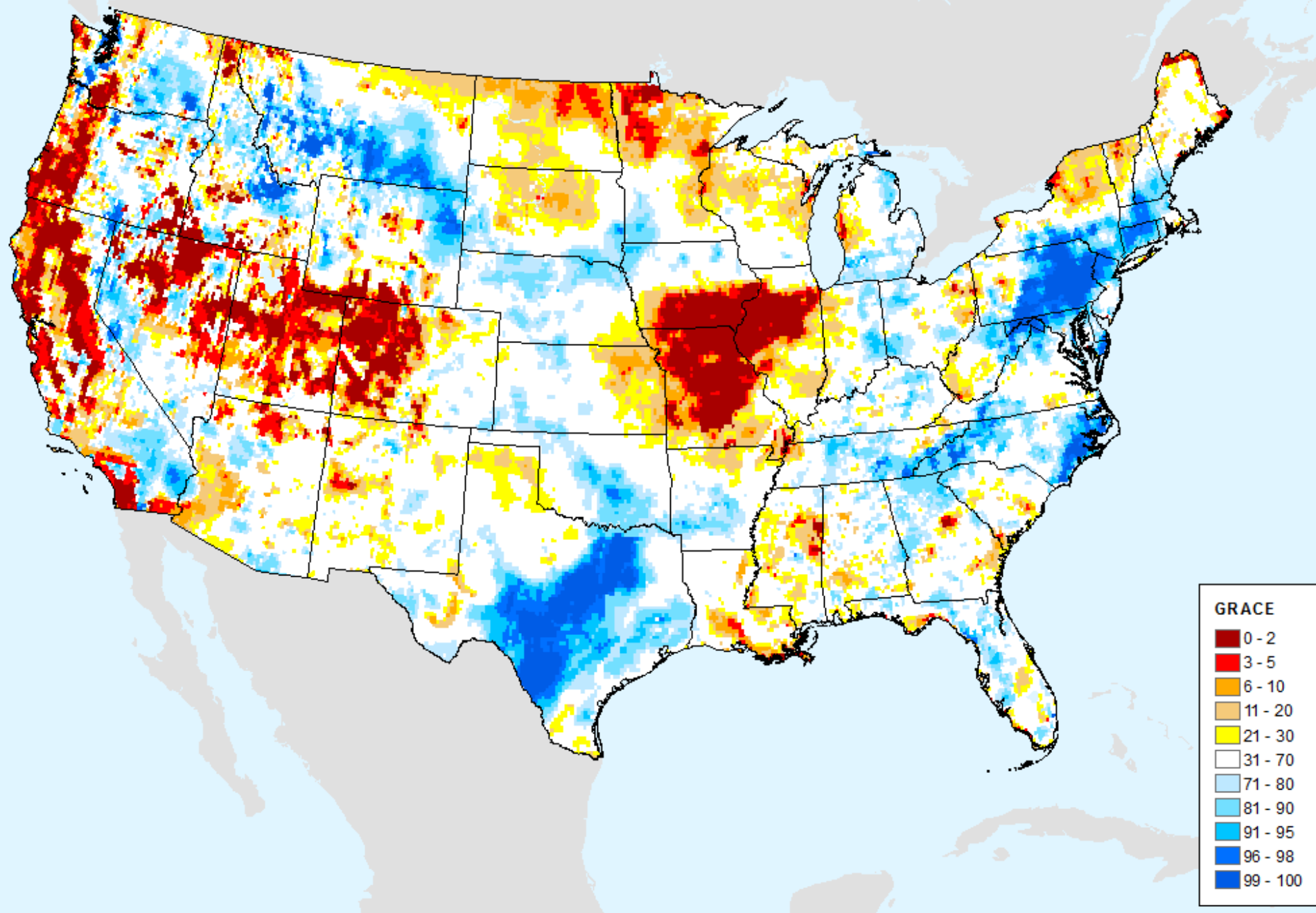
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, August 14, 2018



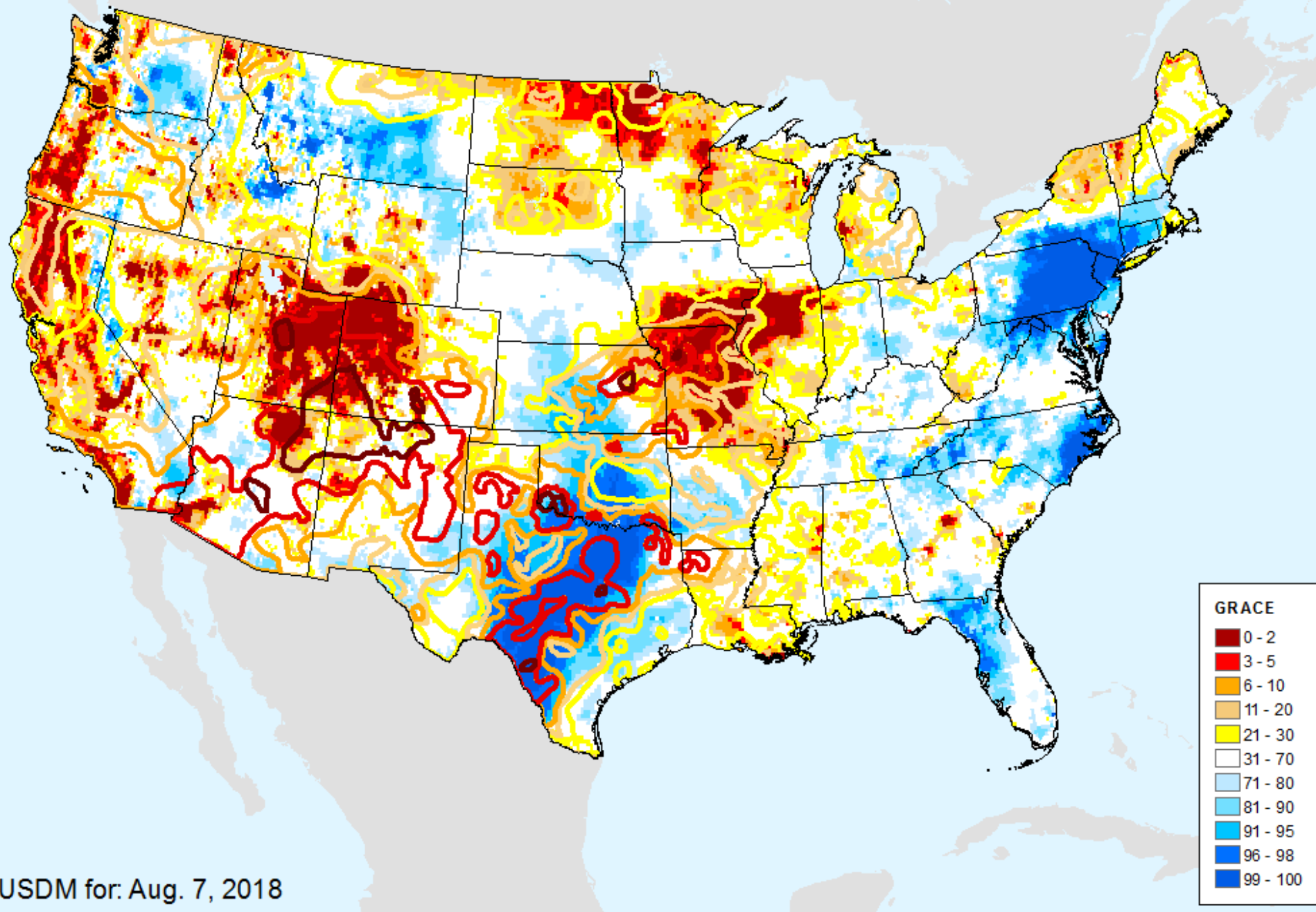
GRACE-Based Root Zone Soil Moisture Drought Indicator

As of: Tuesday, August 14, 2018



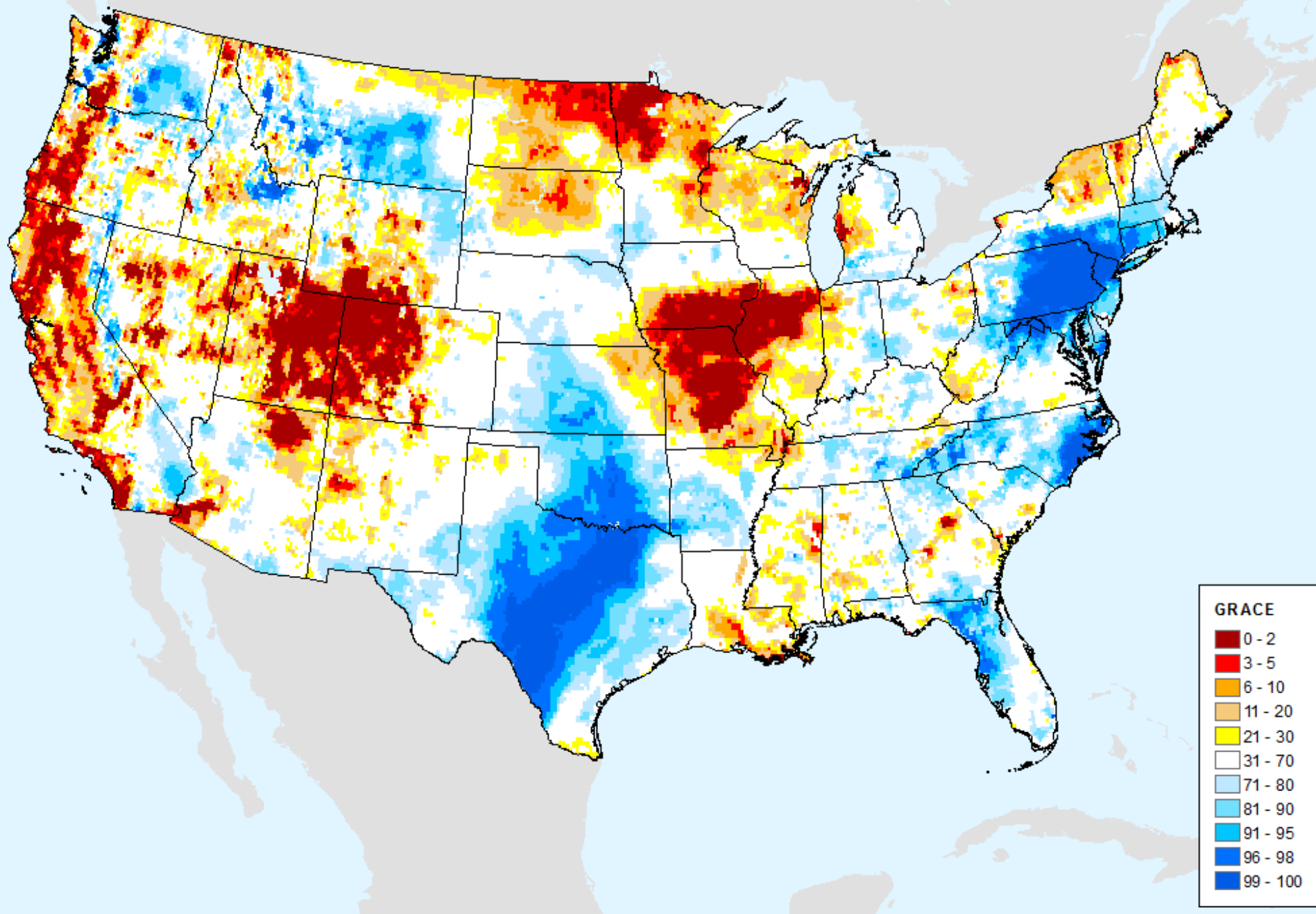
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, August 14, 2018



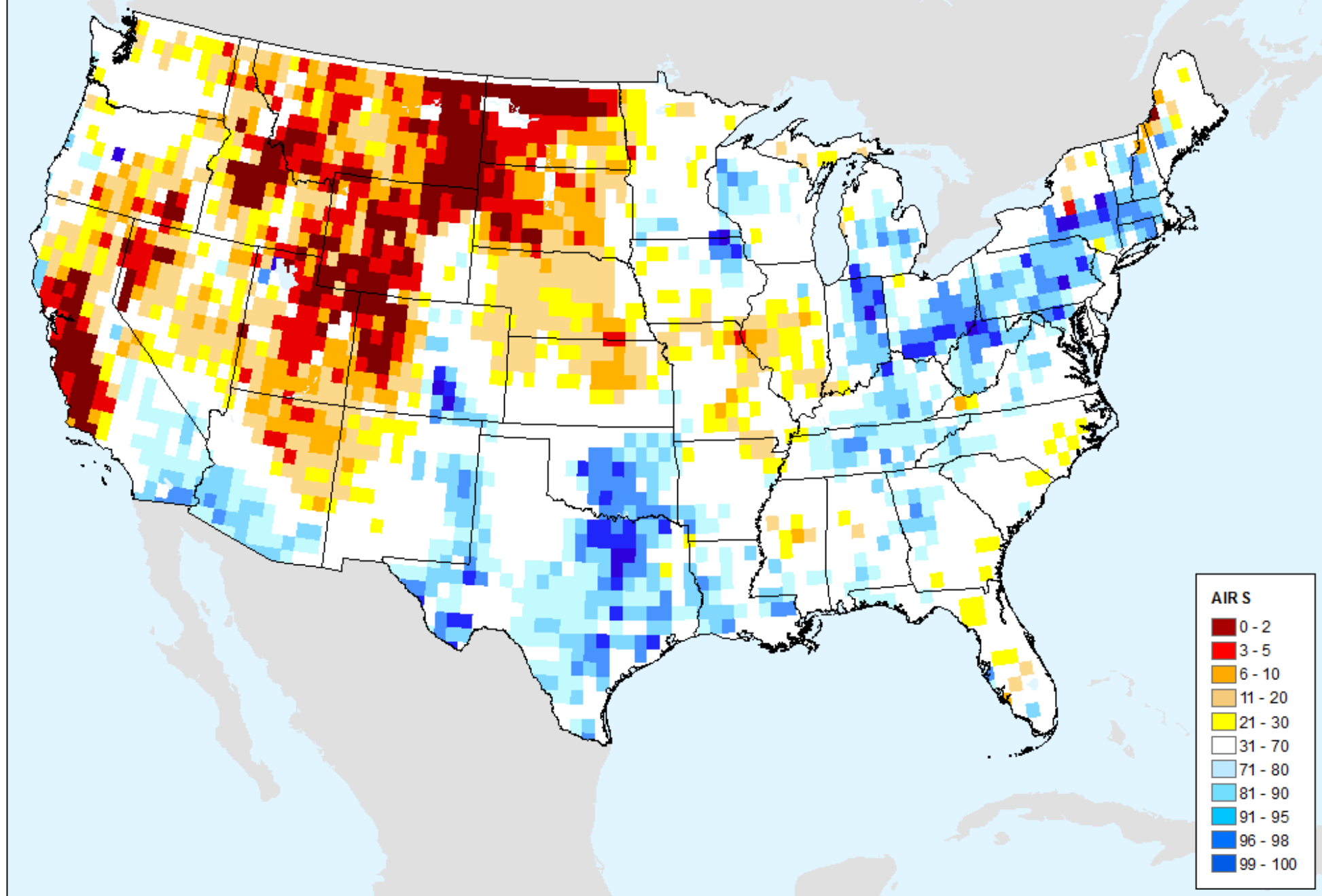
GRACE-Based Surface Soil Moisture Drought Indicator

As of: Tuesday, August 14, 2018



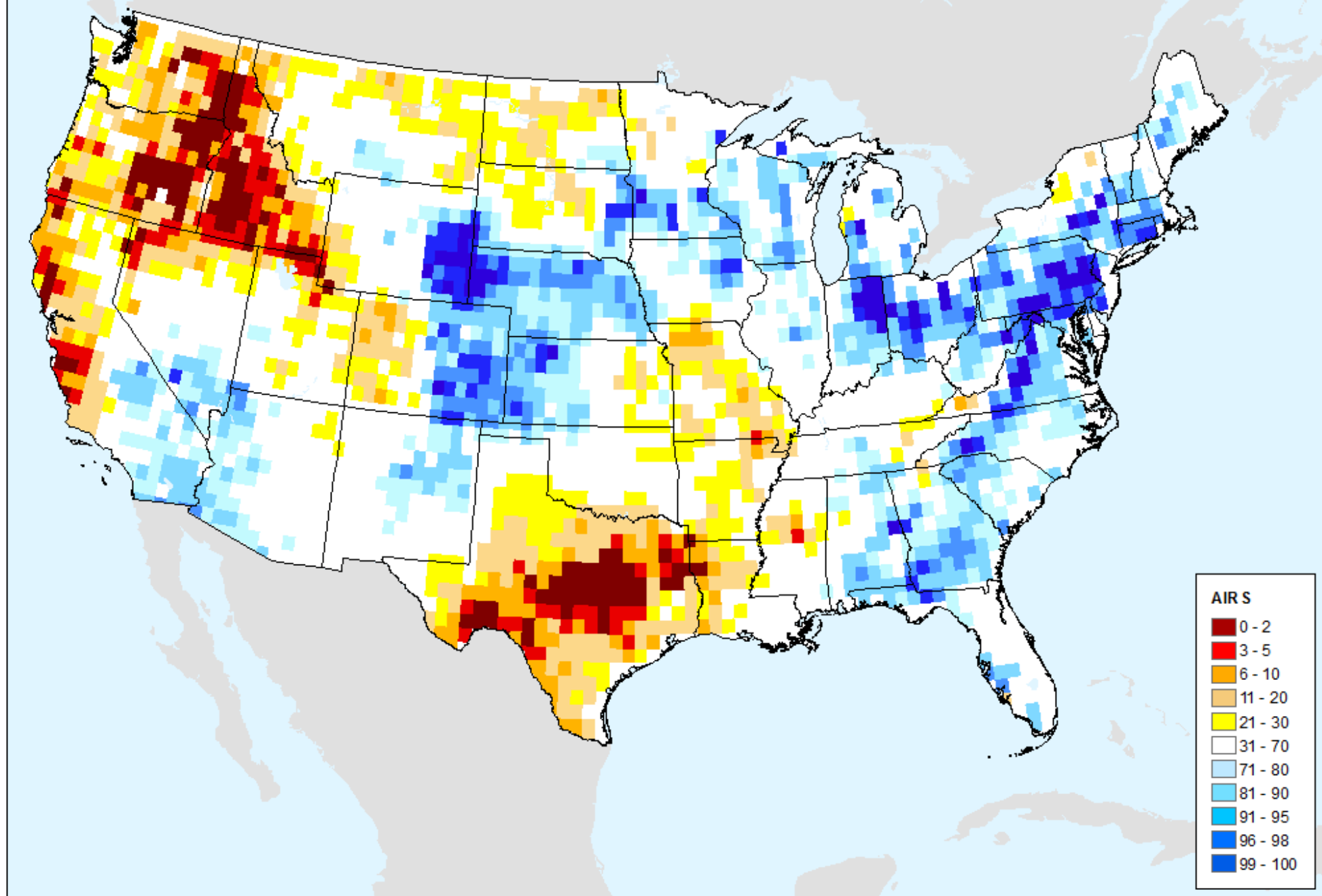
AIRS-Based Surface Relative Humidity 7 Day

As of: Tuesday, August 14, 2018



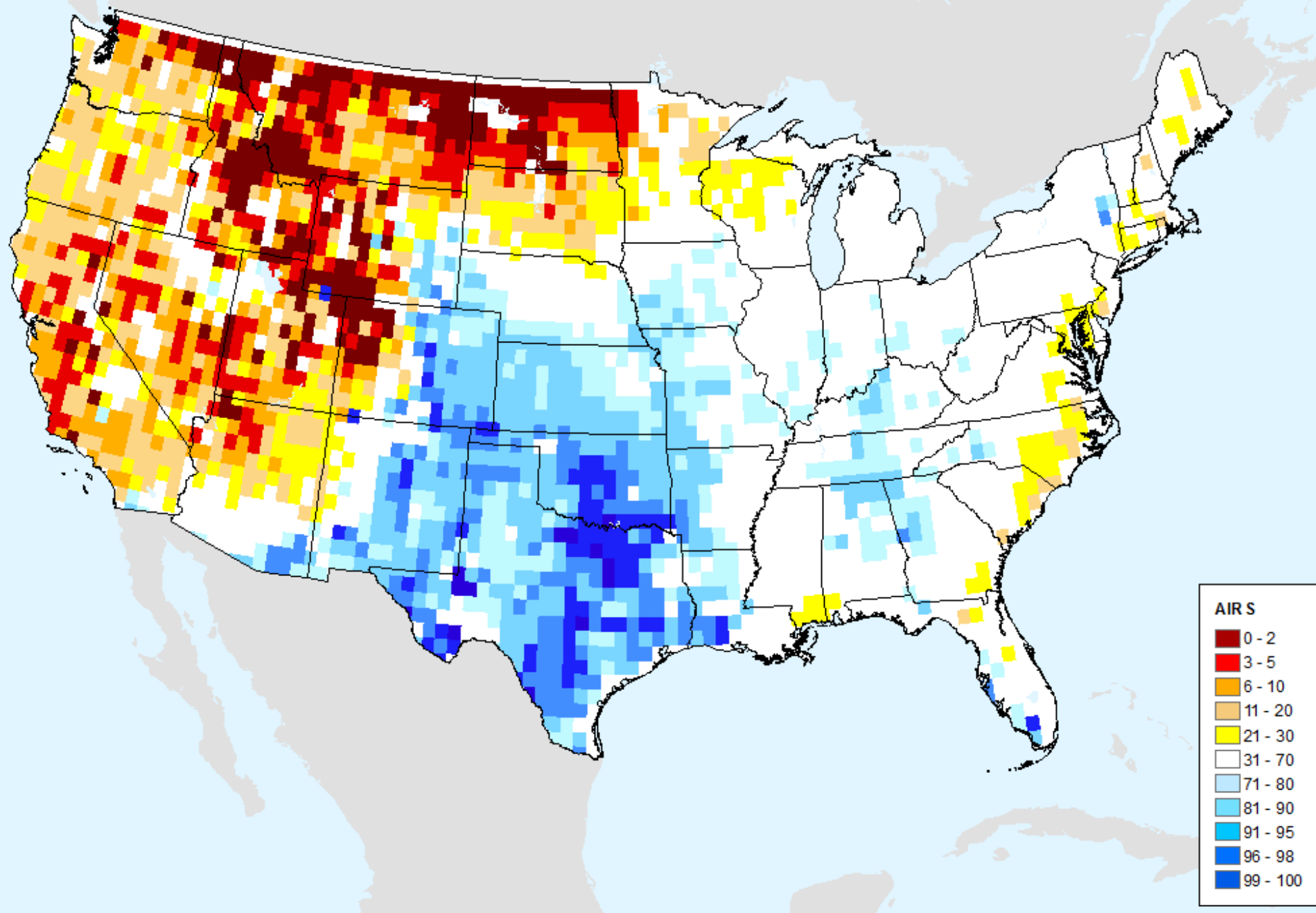
AIRS-Based Surface Relative Humidity 28 Day

As of: Tuesday, August 14, 2018



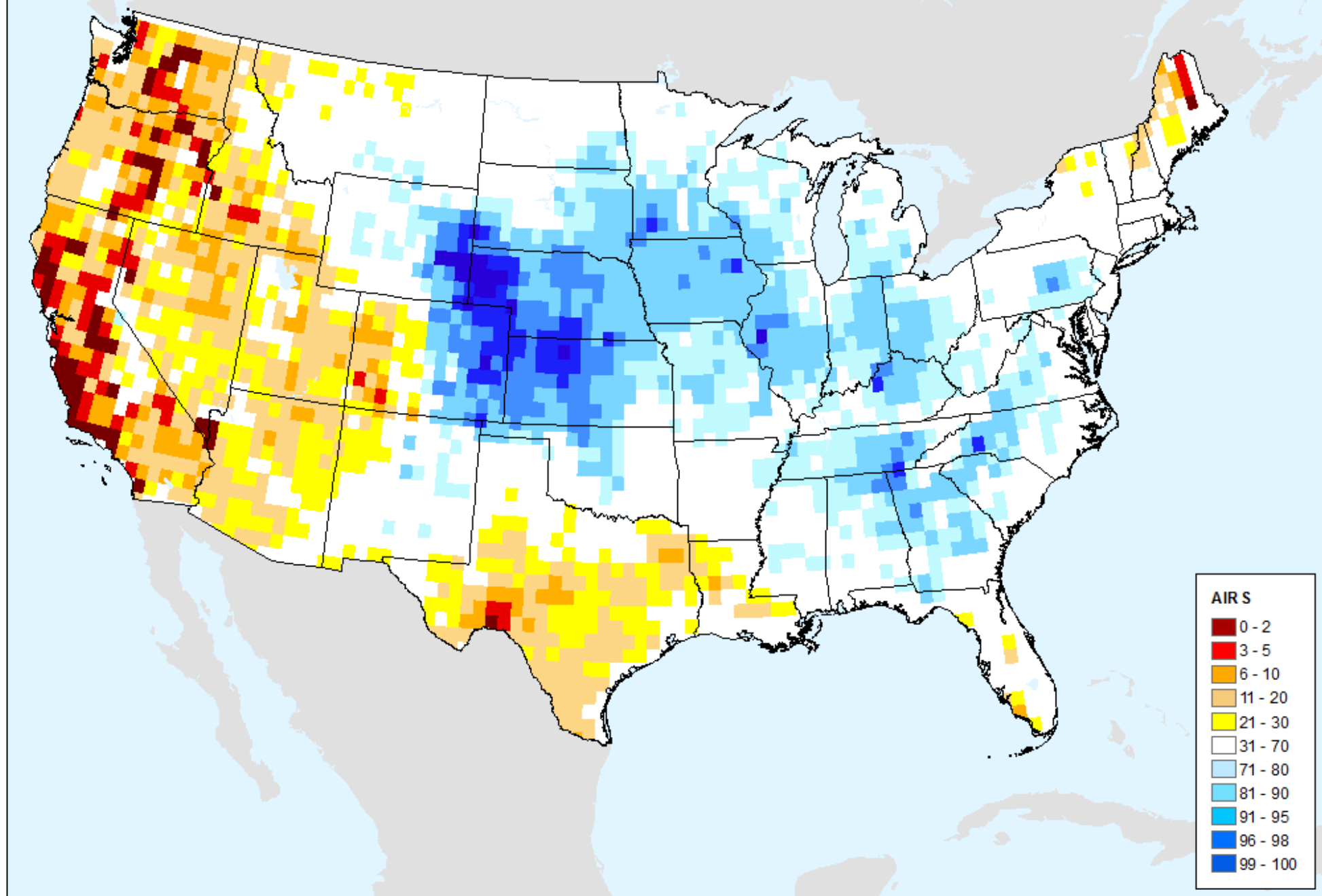
AIRS-Based Retrieved Surface Air Temperature 7 Day

As of: Tuesday, August 14, 2018



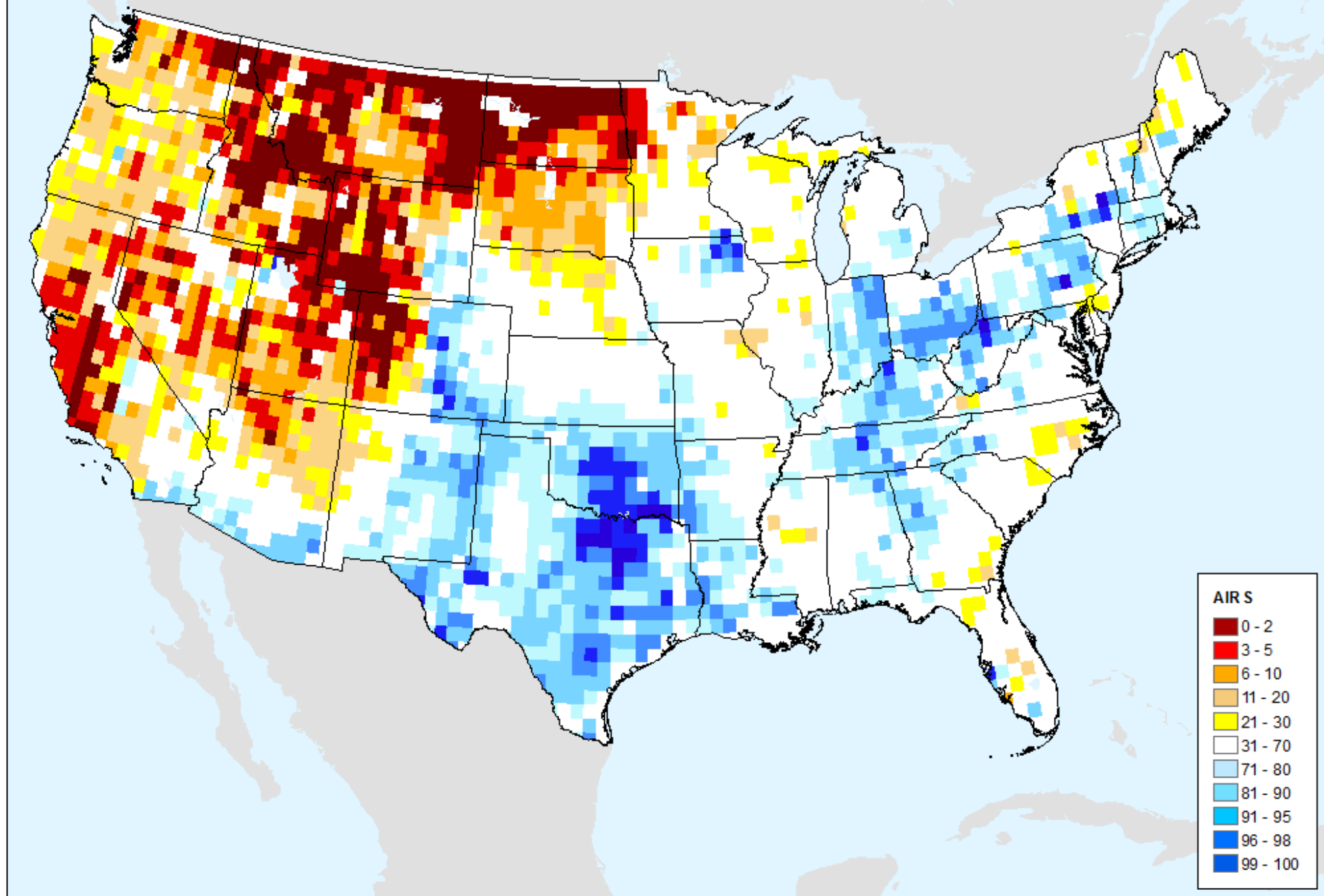
AIRS-Based Retrieved Surface Air Temperature 28 Day

As of: Tuesday, August 14, 2018



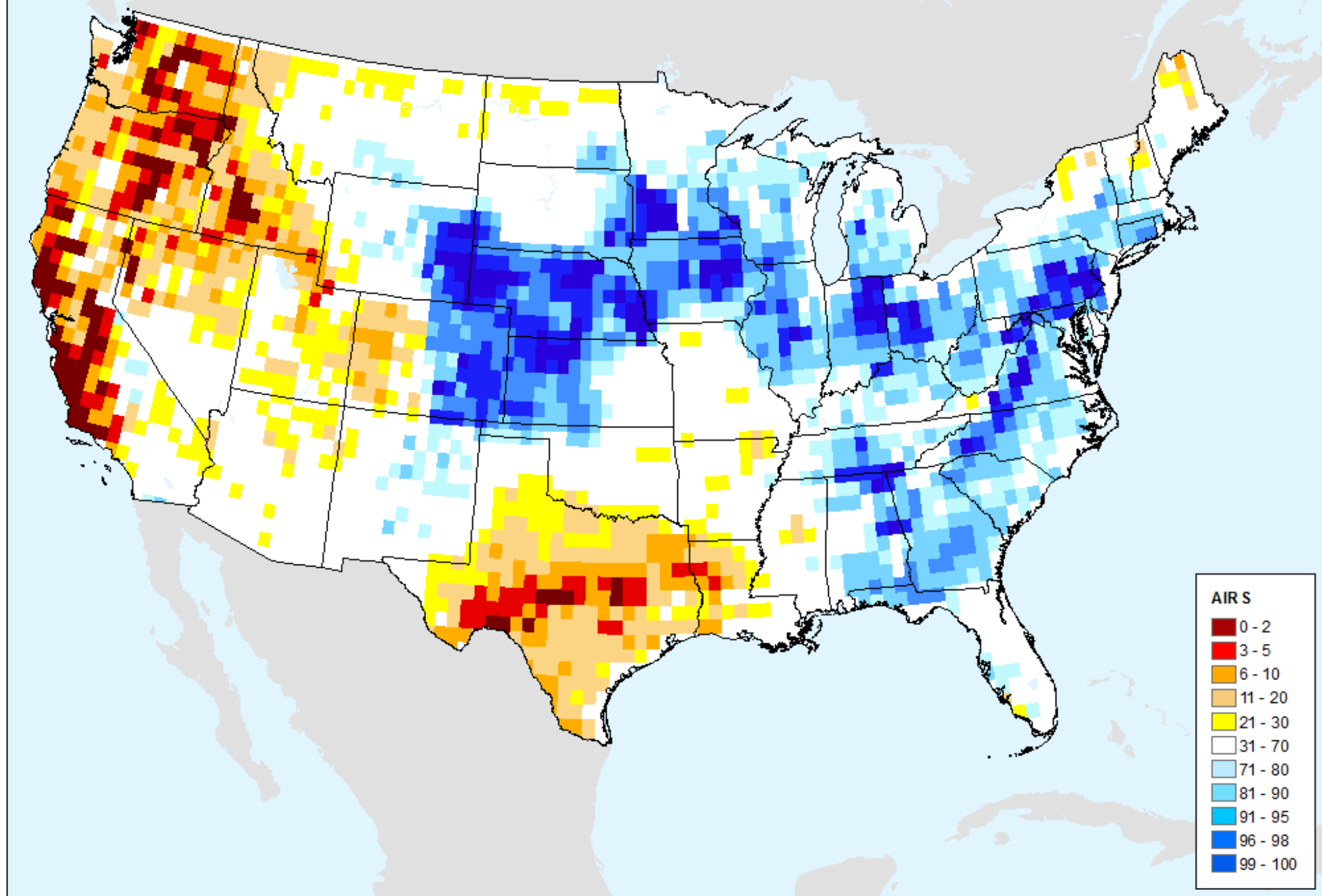
AIRS-Based Vapor Pressure Deficit 7 Day

As of: Tuesday, August 14, 2018

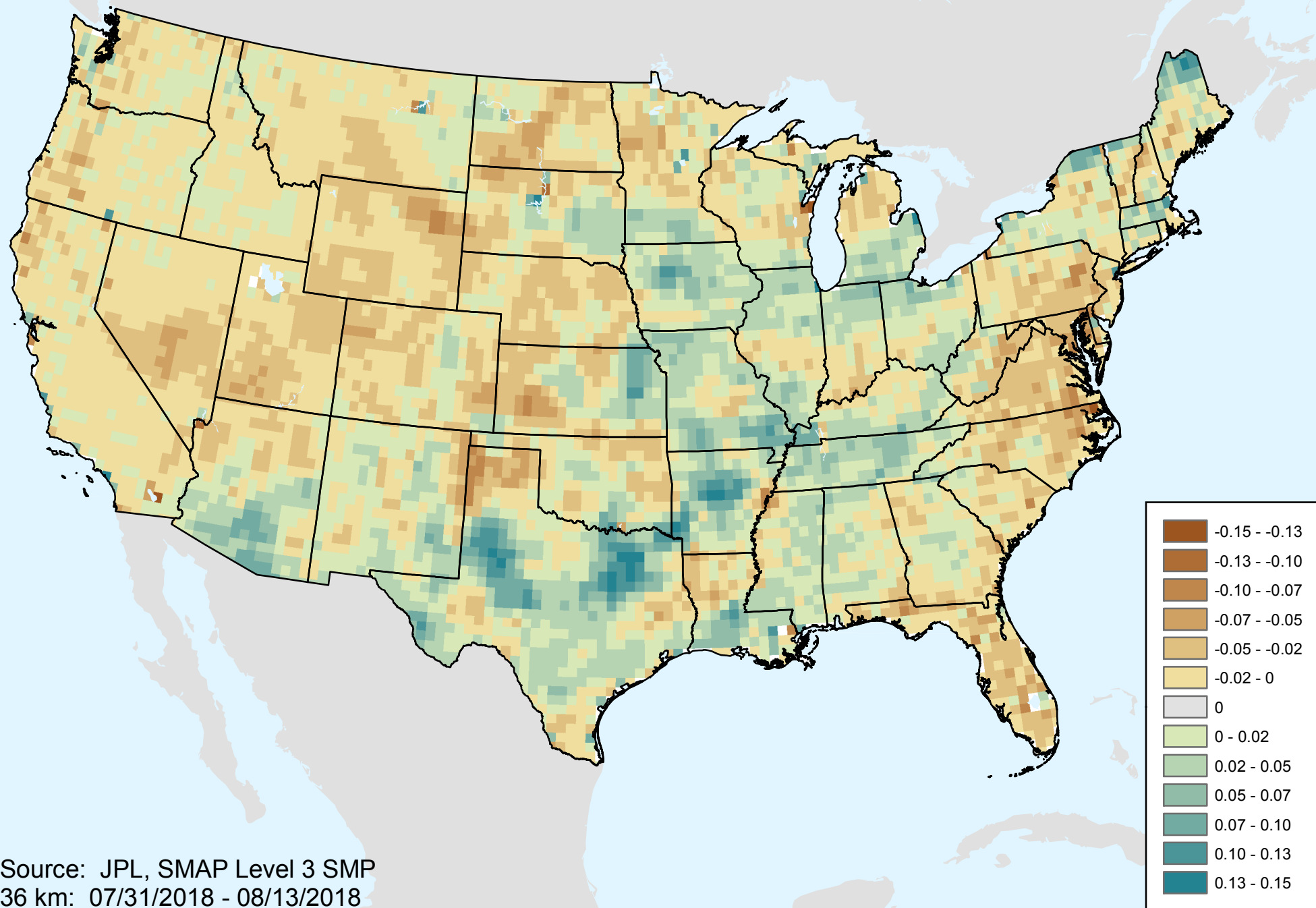


AIRS-Based Vapor Pressure Deficit 28 Day

As of: Tuesday, August 14, 2018

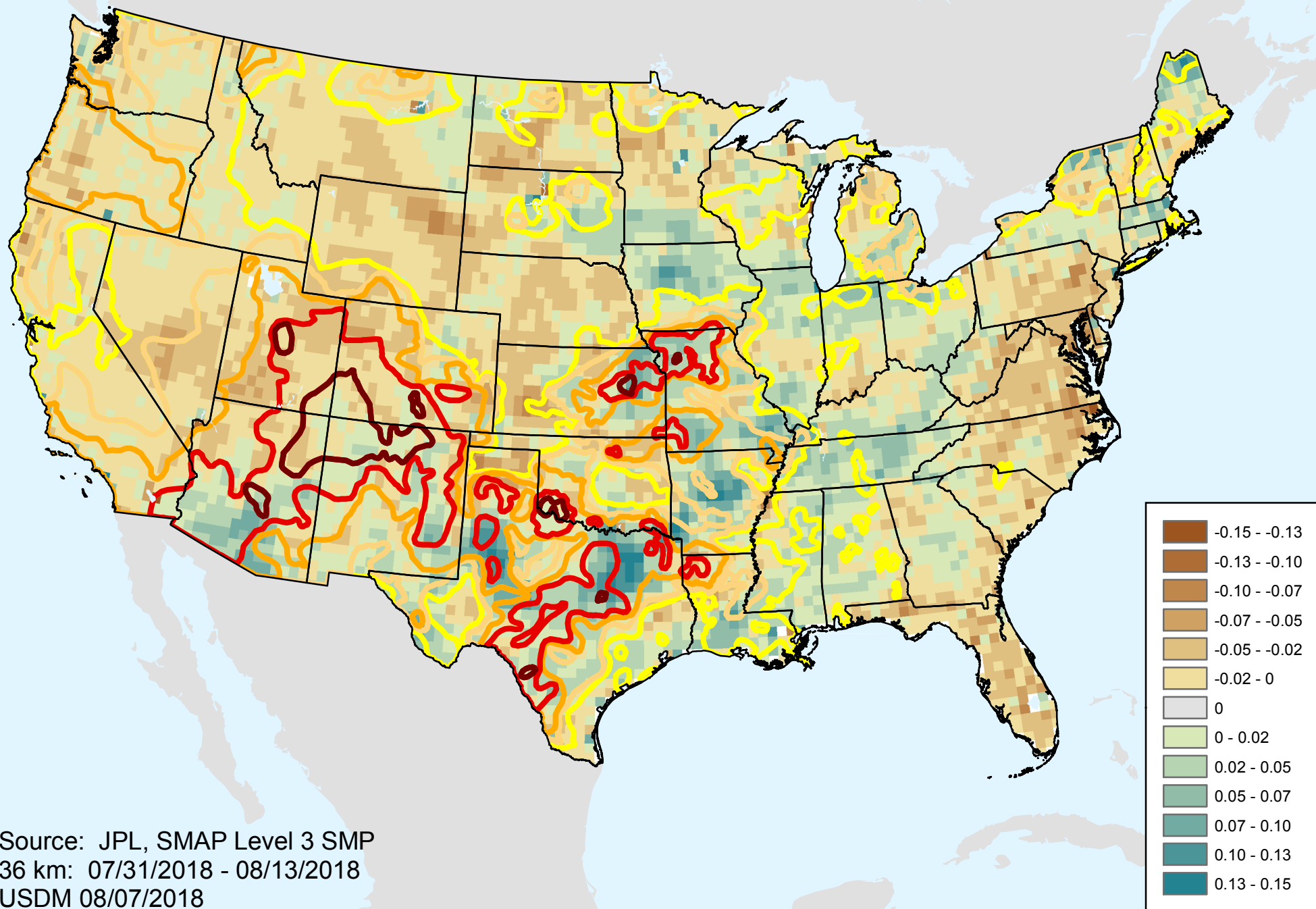


SMAP 1-Week Change in Soil Moisture 0-5 cm

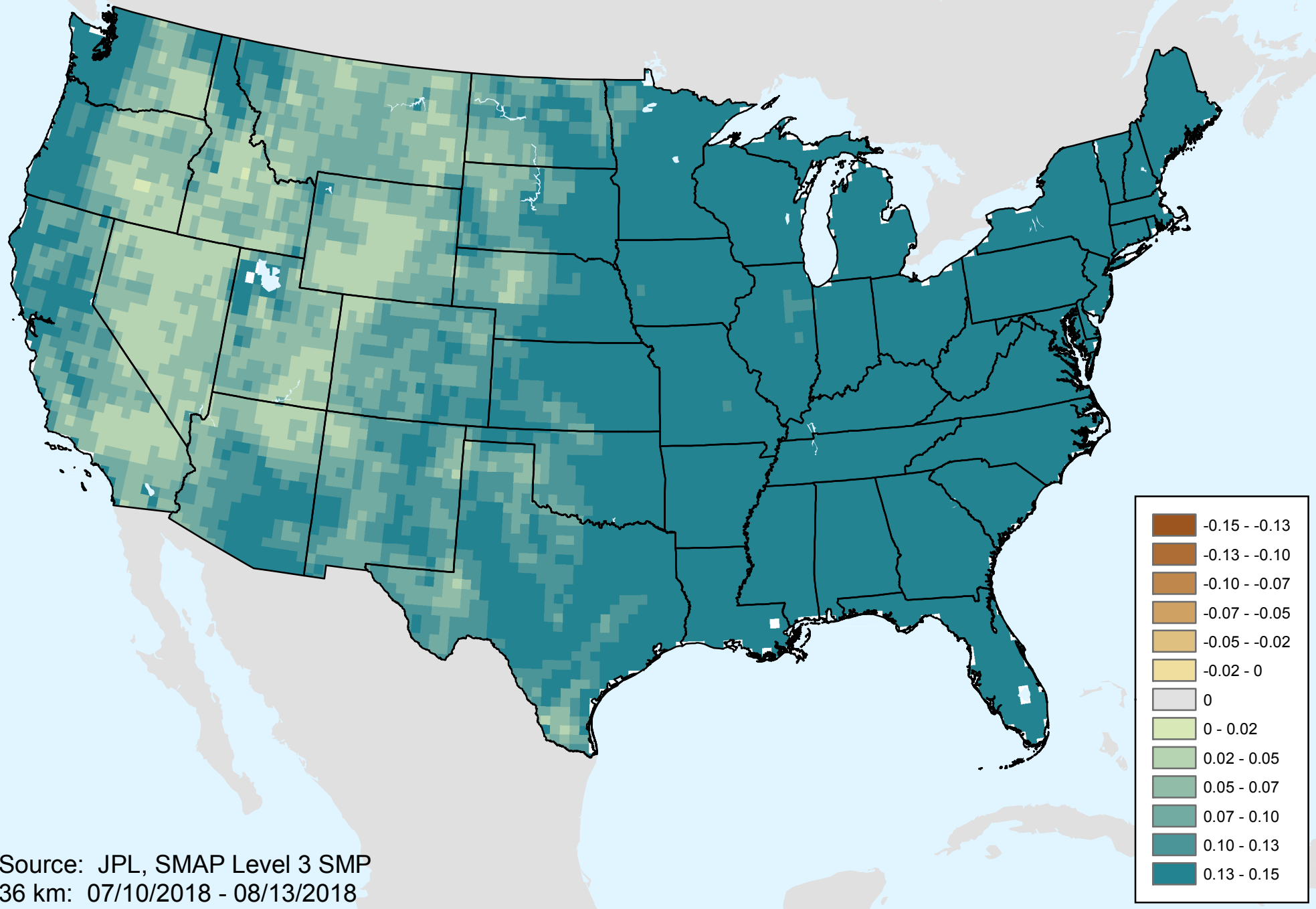


Source: JPL, SMAP Level 3 SMP
36 km: 07/31/2018 - 08/13/2018

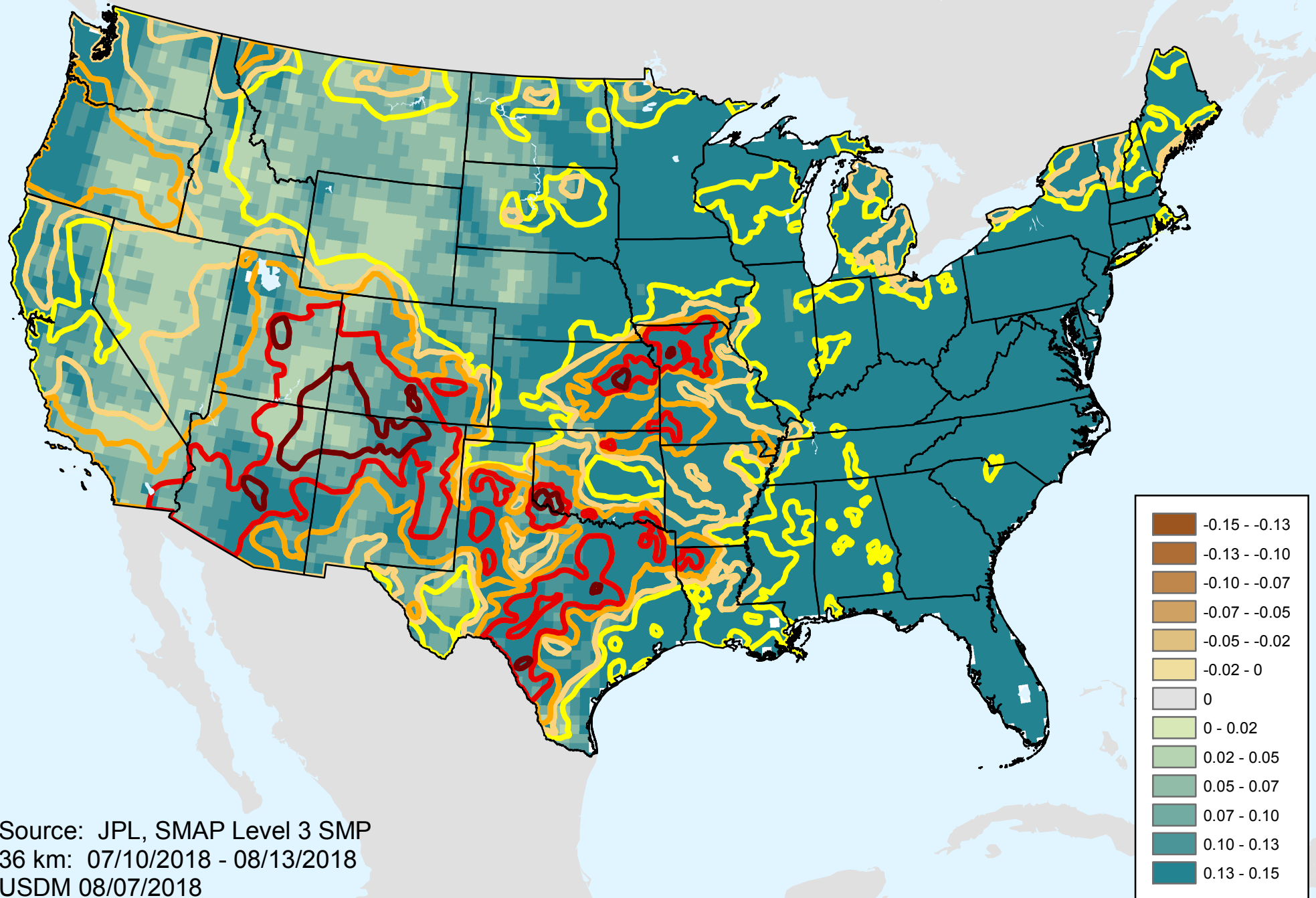
SMAP 1-Week Change in Soil Moisture 0-5 cm



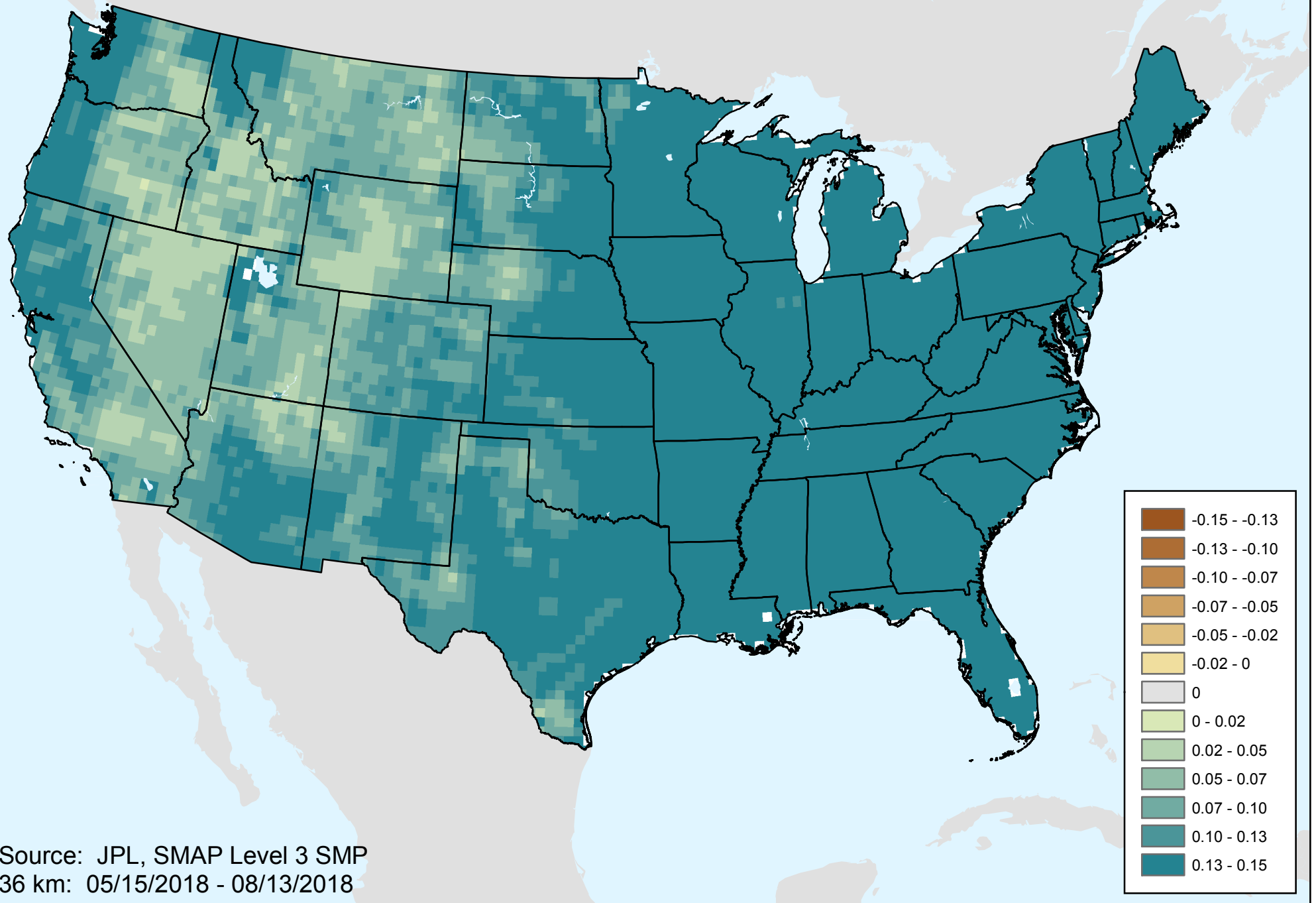
SMAP 1-Month Change in Soil Moisture 0-5 cm



SMAP 1-Month Change in Soil Moisture 0-5 cm



SMAP 3-Month Change in Soil Moisture 0-5 cm



Source: JPL, SMAP Level 3 SMP
36 km: 05/15/2018 - 08/13/2018

SMAP 3-Month Change in Soil Moisture 0-5 cm

